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BUILT TO WITHSTAND THE WORLD'S HARSHTEST ENVIRONMENTS

## Dell Latitude Rugged PCs



### ULTIMATE FIELD PRODUCTIVITY

Get best-in-class durability, reliability, and field productivity, with the Dell Latitude Rugged PCs

Learn More at [www.hacktic.com/dell-rugged](http://www.hacktic.com/dell-rugged)  
[www.atexdepot.nl/nl/brands/dell/](http://www.atexdepot.nl/nl/brands/dell/)

# Why choose Dell Latitude Rugged PCs



## RUGGED FOR THE REAL WORLD

You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.



## PRODUCTIVITY ANYWHERE

You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.



## BUSINESS-CLASS CONTROL

The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.

## FEATURED ON THE DELL LATITUDE RUGGED FAMILY

- USB Type-C connectivity on the latest line of rugged notebooks and tablet
- Outdoor-readable screens with anti-reflective treatment and glove-touch capability
- Sealed, customizable RGB backlit keyboards on all notebooks and available for the tablet
- Webcams with physical privacy shutters
- Powerful and efficient Intel® processors
- Intel 802.11ac Wi-Fi on rugged notebooks and Intel 802.11ax Wi-Fi option on rugged tablet
- Optional mobile broadband and dedicated GPS
- Common docking across Latitude Rugged notebooks and specialized docking for the tablet; all with a durable pogo-pin interface
- Independently-certified to MIL-STD-810G/H tests and IEC ingress protection standards
- Confident security with Dell Data Protection | Encryption and TPM | ControlVault™ Advanced Authentication

# Meet the Dell Latitude Rugged Family

RUGGED TABLETS AND NOTEBOOKS FOR THE ULTIMATE FIELD PRODUCTIVITY

## LATITUDE 7220 RUGGED EXTREME TABLET



Work faster, anywhere, with the lightest and most powerful\* 12" fully-rugged tablet. Featuring a 1000-nit direct-sunlight viewable screen that is gloved multi-touch capable, the Latitude 7220 Rugged Extreme Tablet can handle any condition it's put in. All day productivity is easy with optional dual hot-swappable batteries. The Latitude 7220 Rugged Extreme Tablet is FirstNet Ready™ with Band 14.

## LATITUDE 7220EX RUGGED EXTREME TABLET



Stay focused, even in potentially explosive environments, with the intrinsically safe, ATEX, IECEx certified 12" fully rugged tablet. With a 1000-nit direct-sunlight viewable screen - the brightest\*\* in its class, and gloved multi-touch capability, the Latitude 7220EX Rugged Extreme Tablet can withstand any environment. All day productivity is easy with optional dual hot-swappable batteries\*\*\*. The Latitude 7220EX Rugged Extreme Tablet is FirstNet Ready™ with Band 14.

## LATITUDE 5420 RUGGED NOTEBOOK



Get durability, performance, and productivity, wherever work takes you, with the thinner and lighter Latitude 5420 Rugged Notebook. With powerful 8th Generation Intel Core Processors and up to 2TB of fast, reliable, and high performance solid state storage, this 14" rugged notebook can tackle the most demanding tasks. Features USB Type-C connectivity. The Latitude 5420 Rugged Notebook is FirstNet Ready™ with Band 14.

## LATITUDE 5424 RUGGED NOTEBOOK



Get durability, performance, and versatility, with the Latitude 5424 Rugged Notebook. With options to include a DVD RW or Blu-ray drive, multiple storage bays and PCMCIA or ExpressCard slots, this 14" rugged notebook featuring 8th Generation Intel Core Processors and up to 4TB of solid state storage keeps up with what you need, even in harsh environments. Features USB Type-C connectivity. The Latitude 5424 Rugged Notebook is FirstNet Ready™ with Band 14.

## LATITUDE 7424 RUGGED EXTREME NOTEBOOK



The Latitude 7424 Rugged Extreme thrives in the worst conditions you face on the job. An expansive 14" Direct-View outdoor-readable FHD display with gloved-capable touch, discrete workstation graphics, 8th Generation Intel Core Processors and up to 4TB of solid state storage, help you do your job, even in the most extreme environments. Features USB Type-C connectivity. The Latitude 7424 Rugged Extreme is Notebook FirstNet Ready™ with Band 14.

FirstNet and FirstNet Ready are registered trademarks and service marks of the First Responder Network Authority, an independent authority within the U.S. Department of Commerce. The FirstNet core is designed primarily for use in the United States.

\*\*\*WARNING: The battery must only be charged outside of any potentially explosive environment with appropriate Dell power adapters.

\*\*\*WARNING: The I/O and battery bay covers must be closed with both screws tightened before the system is exposed to a potentially explosive environment.

\*\*\*WARNING: Do not remove the battery or access the I/O ports while the system is exposed to a potentially explosive environment.

\*\*\*WARNING: Do not connect external devices to any of the system ports while the system is exposed to a potentially explosive environment.

# Dell Latitude Rugged PCs - Recommended accessories\*

SMART SOLUTIONS THAT HELP YOU STAY PRODUCTIVE WHEREVER YOU WORK.

## AT THE DESK



### RUGGED TABLET DOCK

Maximize productivity with an IP-65 rated dock for rugged environments. Featuring dual-display support with VGA, Serial and Display Port outputs, and dual spare battery charging slots.



### RUGGED DESK DOCK

Better video connectivity with dual Display Port outputs. Secure your notebook with dual cable lock slots. Compatible with Latitude 14/12 Rugged Extreme and Latitude 14 Rugged notebooks.



### U2719D MONITOR

Enhance your productivity even further with Dell's 27-inch ultrathin monitor.

## IN-THE-VEHICLE



### RUGGED TABLET VEHICLE DOCKS

Mount your rugged tablet in your vehicle with docks from Havis, PMT, and Gamber Johnson, for on-the-go productivity.



### AUTO AIR DC ADAPTER

Power up and stay productive on the road, in-flight or in your office with the Dell™ Power Adapter. It is an all-in-one, DC device that will both power your Dell notebook as well as charge its battery.



### RUGGED NOTEBOOK VEHICLE DOCKS

Mount your rugged notebook in your vehicle with docks from Havis, PMT, and Gamber Johnson, for on-the-go productivity.

## IN THE FIELD



### RUGGED TABLET & NOTEBOOK CARRYING ACCESSORIES

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



### SCANNER MODULE

Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.



### EXTENDED I/O MODULE

Add two USB 3.0 ports and an Ethernet port with the Extended I/O Module that attaches securely to the back of your rugged tablet.

\*The nylon handle is the only accessory certified for use in potentially explosive environments, with the Latitude 7220EX Rugged Extreme Tablet



# Experience a new way to work with Dell Technologies Unified Workspace

## Intelligence built in. Modernization built on.

We know that having the right device is just the start to a great workday. Employees need intelligent, intuitive and responsive experiences that allow them to work productively and without interruption. According to research, 1 out of every 4 users would question their job and the company they work for if they had a negative experience with their technology.<sup>1</sup>

Dell Technologies Unified Workspace is transforming the employee experience and ensuring IT has proactive, predictive and automated solutions to deliver on the promise of a modern workday, while simplifying their ability to deploy, secure, manage and support their environment.



### DEPLOY

ProDeploy in the Unified Workspace allows IT to move away from traditional, high-touch, manual deployment, and instead, ship devices preconfigured with company apps and settings from the Dell factory directly to their end users—having end users up and working on day one.



### SECURE

Dell Trusted Devices provide a foundation to a modern workforce environment with invisible and seamless protection to ensure smarter, faster experiences. End users stay productive and IT stays confident with modern security solutions for the Dell Trusted Device.



### MANAGE

Dell Client Command Suite + VMware Workspace ONE offers integrated capabilities that deliver a unified endpoint management experience for IT, enabling them to manage firmware, OS, and apps from one console, while also creating seamless experiences for end users.



### SUPPORT

ProSupport resolves hardware issues up to 11x faster than the competition. ProSupport for PCs offers 24x7 access to in-region ProSupport engineers who contact IT when critical issues arise,<sup>2</sup> so you can focus on what's next, not what just happened.

ProSupport Plus helps IT stay a step ahead and virtually eliminate unplanned downtime due to hardware issues. You get all the capabilities of ProSupport, as well as AI-driven alerts to prevent failures and repairs for accidents.<sup>3</sup>

<sup>1</sup> ESG Research Report. 2019 Digital Work Survey. December 2019.

<sup>2</sup> Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/L52XKM>

<sup>3</sup> Based on a Principled Technologies test report, "Dell ProSupport Plus with SupportAssist warns you about hardware issues so you can fix them before they cause downtime" dated April 2019. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/0xvze8>. Hardware issues detected by SupportAssist include hard drives, solid state drives, batteries and fans.



## Latitude Rugged PCs

Providing the ultimate field connectivity - anytime, anywhere



FirstNet® provides public safety organizations - and commercial entities who support them - with fast, reliable and priority access to their own dedicated nationwide LTE communications platform.

Dell's\* Latitude 5420 Rugged, Latitude 5424 Rugged, and Latitude 7424 Rugged Extreme notebooks are FirstNet Ready™. Simply add a FirstNet SIM card\*\* and connect to FirstNet.



Latitude 5420 Rugged

Dell's thinnest and lightest semi-rugged notebook.



Latitude 5424 Rugged

Dell's semi-rugged notebook with the most expandability options.



Latitude 7424 Rugged Extreme

Fully-rugged notebook for extreme environments.



\* Source: <https://www.firstnet.com/marketing/index.html#/marketing/index/devices/tablets>

\*\* FirstNet SIM card sold separately by AT&T to qualifying customers. Eligible customers need to subscribe to a FirstNet rate plan. The FirstNet core is designed primarily for use in the United States.

# Field connectivity when you need it most

FirstNet delivers critical field connectivity, robust network capacity and nationwide LTE coverage with\* :

6K

Distributed Antenna  
Systems (DAS)

40K

Wi-Fi hotspots

99.99%

targeted network  
availability

99%

of Americans to  
be in network  
coverage

20 MHz

of Band 14 spectrum  
in network

2.74

million square miles  
to be covered in  
the US

## ULTIMATE FIELD CONNECTIVITY

Dell's Latitude 5420 Rugged, Latitude 5424 Rugged, and Latitude 7424 Rugged Extreme notebooks are FirstNet Ready™ - they offer the ultimate field connectivity for :

- Public Safety Organizations : **Law Enforcement, Fire, EMS and Emergency Management Agencies**
- Supporting Organizations : **Government, Transportation, Healthcare, Utilities**

**Dell Latitude Rugged notebooks** also come with:

- Next Business Day On-Site Support
- **Common docking** that works across Dell rugged notebooks
- **Backwards-compatible docking** that will work with prior and future generations of Dell rugged notebooks

\* Source: FirstNet.Com

FirstNet and FirstNet Ready are registered trademarks and service marks of the First ResponderNetwork Authority.  
The FirstNet core is designed primarily for use in the United States.



LATITUDE 7220 RUGGED EXTREME

# Built for the harshest environments. The lightest and most powerful\* 12" fully rugged tablet.



## BUILT FOR THE TOUGHEST JOBS

Upgraded with the powerful, latest 8th Generation Intel Core Processors and boasting up to 2TB of fast, reliable, and high performance PCIe solid state drives, this fully-rugged IP-65 rated tablet can tackle the most demanding tasks.



## AWARD WINNING SERVICE

Have peace of mind and trust that your mission critical rugged PC is well-protected with coverage options such as Dell's signature Pro Support Plus. With options for premium support service featuring 24/7 access to the most experienced technicians, and next-business-day on-site service, downtime is a thing of the past.



## GO-ANYWHERE PRODUCTIVITY

A glove-capable 1000-nit 12" FHD touchscreen lets you work even in direct sunlight. All day productivity is easy with optional dual hot-swappable batteries. FirstNet Ready™ with Band 14, the Latitude 7220 Rugged Extreme Tablet is backwards compatible with vehicle and onsite docking solutions, and with Rugged accessories.



## SECURITY KNOWS NO BOUNDARIES

With an Infrared Camera for Windows 'Hello' based facial recognition, a contacted/contactless smartcard reader option, a fingerprint reader option, plus Dell Data Protection on your rugged tablet, you have security built right into your system, from the get go, wherever you are.



# Recommended accessories

## LATITUDE 7220 RUGGED EXTREME

### AT THE DESK



RUGGED TABLET DOCK

Maximize productivity with an IP-65 rated dock for rugged environments. Featuring dual-display support with VGA, Serial and Display Port outputs, and dual spare battery charging slots.



KEYBOARD WITH KICKSTAND

Maximize your productivity with an IP-65 rated full-size keyboard featuring customizable RGB backlight and a 180° kickstand.



U2719D MONITOR

Enhance your productivity even further with Dell's 27-inch ultrathin monitor.

### IN-THE-VEHICLE



HAVIS VEHICLE DOCK

Outfit your entire fleet of vehicles with a single docking solution for your rugged tablet. A low profile design maximizes available space inside of vehicle.



PMT VEHICLE DOCK

Easy to use auto-latch mechanism ensures tablet is latched simply by placing the tablet in the dock. Designed for easy access to the tablet's optional on-board I/O module ports and tethered stylus.



GAMBER-JOHNSON VEHICLE DOCK

Dock your tablet inside the vehicle and keep it safe and connected.

### IN THE FIELD



RUGGED TABLET CARRYING ACCESSORIES

Take your rugged tablet anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



SCANNER MODULE

Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.



EXTENDED I/O MODULE

Add two USB 3.0 ports and an Ethernet port with the Extended I/O Module that attaches securely to the back of your rugged tablet.

# Built for business

## Dell Technologies Unified Workspace

Dell Technologies Unified Workspace is the most comprehensive solution to deploy, secure, manage and support virtually all devices from the cloud. We designed this revolutionary solution with intelligence and automation providing visibility across the entire endpoint environment. We help save time, improve user experience, optimize resources and strengthen security.



DEPLOY

Our modern deployment solution, ProDeploy in the Unified Workspace allows you to revolutionize the way deployment gets done. By spending just one hour for set up, IT can then hand deployment to Dell and have preconfigured systems shipped directly to the end users - wherever they are.



SECURE

Dell Endpoint Security for the Unified Workspace helps manage growing cyber risks while embracing workforce transformation. With Dell SafeGuard and Response powered by Secureworks, gain actionable insight to help quickly and efficiently prevent, detect and respond to cyber-attacks-keeping your environment free from harm.



MANAGE

We integrated our hardware management solution Dell Client Command Suite with VMware Workspace ONE, allowing you to take advantage of unified endpoint management (UEM) and manage the firmware, operating system and applications for all devices from the Workspace ONE console. UEM simplifies the management of the entire environment saving IT time from having to work between separate consoles for PCs and phones.



SUPPORT

ProSupport Plus continues to be the only predictive and proactive support in the market. When compared to key competitors, ProSupport Plus with SupportAssist reduced time to resolve a failed hard drive with up to 11x faster\*\* time to resolution.

\*\*Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing ommisioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/L52XKM>

# Features & technical specifications

## LATITUDE 7220 RUGGED EXTREME TABLET

Feature	Technical specification
Model Number	7220
Processor Options <sup>1</sup>	8th Generation Intel® Core™ i7-8665U, 8 MB Cache, 4 Core, 1.90 Ghz to 4.80 GHz, vPro 8th Generation Intel® Core™ i5-8365U, 6 MB Cache, 4 Core, 1.60 GHz to 4.10 GHz, vPro 8th Generation Intel® Core™ i3-8145U, 4 MB Cache, 2 Core, 2.10 GHz to 3.90 GHz
Operating System <sup>1</sup>	Windows 10 Professional (64-bit)
Memory Options <sup>1,2,3</sup>	8GB or 16GB LPDDR3, 2133 MHz
Graphics <sup>8</sup>	Integrated Intel® UHD Graphics 620
Display <sup>1</sup>	11.6-inch, FHD 1920 x 1080 @60 Hz, 1000 Nit Outdoor-Readable, Anti-Glare, Anti-Smudge, Polarizer, Glove-Capable Touchscreen
Storage Options <sup>1,5</sup>	<b>Primary Drive Options:</b> M.2, 128 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD M.2, 256 GB/512 GB/1 TB/ 2TB Gen 3 PCIe x4 NVMe, Class 40 SSD M.2, 256 GB/512 GB/1 TB Gen 3 PCIe x4 NVMe, Class 40 Self-Encrypting SSD
Audio	Combo headphone and mic jack. Built-in stereo speaker. 2 non-array, integrated mics.
Battery	34 Whr, 2-Cell Lithium Ion Primary Battery, ExpressCharge™, user-replaceable, dual hot-swappable 34 Whr, 2-Cell Lithium Ion Secondary Battery
Power	45 W, 4.50 mm x 2.90 mm 90 W, 4.50 mm x 2.90 mm 45 W, USB Type-C
Connectivity	<b>Wireless Options:</b> Intel® Wireless-AC 9560, 2 x2, 802.11ac with Bluetooth 5.0, Intel® Wi-Fi 6 AX200, 2 x 2, 802.11ax with MU-MIMO, Bluetooth 5.0 Intel® Wi-Fi 6 AX200, 2 x 2, 802.11ax with MU-MIMO, without Bluetooth  <b>Optional Mobile Broadband Options:</b> <sup>4</sup> DW5821E Snapdragon X20 4G/LTE Wireless WAN card for AT&T, Verizon, Sprint <b>GPS:</b> Dedicated u-blox NEO-M8 GPS card
Sensors	Accelerometer (free fall), Ambient Light Sensor, Digital Compass, Gyro, Lid Sensor, SAR Sensor
Camera	5 MP RGB + IR FHD webcam with privacy shutter / 8 MP rear camera with Flash and Dual Microphone
Ports, Slots & Peripherals	<b>Ports:</b> USB 3.1 Type-A with Power Delivery (1), USB 3.0 Type-C port with DisplayPort Alt Mode/PowerShare (1), Combo Mic/Headphone Jack (1), Mini Serial RS-232 port (Optional) (1), Docking Pogo connector (1), Backpack Pogo connector (Optional) (1)  <b>Slots:</b> Micro SD and SIM card slot, Kensington lock slot
I/O Modules	Dell Extended I/O Module & Port Replicator (Optional), Dell Scanner Module (Optional)
Security <sup>1,6</sup>	Steel reinforced cable lock slot, Optional Security includes: Fingerprint reader, Contactless or Contacted SmartCard reader, TPM 2.0, ControlVault™ advanced authentication, Dell Security Tools, Dell Data Protection   Encryption, NIST SP800-147 secure platform, Dell Backup and Recovery
Dimensions & Weight	Height: 203.0 mm (7.99") Width: 312.2 mm (12.29") Depth: 24.4 mm (0.96")  Starting at 2.93 lbs (1.33kg)
Regulatory <sup>8,12</sup> and Environmental Compliance	<b>Regulatory model:</b> T03H Regulatory type: T03H003 Energy Star 7.0, EPEAT  <b>MIL-STD-810G and MIL-STD-810H testing</b> <sup>13</sup> : Transit drop (48"/1.22m; single unit; 26 drops), operating drop (36"/0.91m), blowing rain, blowing dust, blowing sand, vibration, functional shock, humidity, salt fog (with rubberized keyboard), altitude, explosive atmosphere, solar radiation, thermal extremes, thermal shock, freeze/thaw, tactical standby to operational.  <b>Operating thermal range:</b> -20°F to 145°F (-29°C to 63°C); <b>Non-operating range:</b> -60°F to 160°F (-51°C to 71°C)  <b>IEC 60529 ingress protection</b> <sup>15</sup> : IP-65 (dust-tight, protected against pressurized water) Coming Soon - Hazardous locations certification : ANSI/ISA.12.12.01 certification (Class I, Division 2, Groups A, B, C,D) Electromagnetic interference: MIL-STD-461F and MIL-STD-461G
Systems Management	Optional Intel vPro™ technology's advanced management features on i5/i7 configurations
Warranty and Service <sup>9,10</sup>	Limited Hardware Warranty <sup>9,10</sup> Standard 3 year Mail-in Service <sup>10,11</sup> after Remote Diagnosis <sup>10,11</sup> and optional 3-5 year Dell ProSupport & ProSupport Plus contracts and optional Next-Business-Day Service available <sup>10,11</sup>



LATITUDE 7220 RUGGED EXTREME

**Built for the harshest environments.  
The lightest and most powerful\*  
12" fully rugged tablet.**

1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook published on [www.dell.com/support](http://www.dell.com/support).
2. System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.
3. 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.
4. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality
5. Storage Option: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
6. TPM is available in selected regions.
7. Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at [www.lockforlaptops.com](http://www.lockforlaptops.com).
8. Please refer to [www.epeat.net](http://www.epeat.net) for specific country registration rating and participation.
9. Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [www.dell.com/warranty](http://www.dell.com/warranty).
10. Onsite Service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty ([www.dell.com/warranty](http://www.dell.com/warranty)) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
11. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions).
12. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information [www.dell.com/support/home/us/en/19](http://www.dell.com/support/home/us/en/19).

\*The Latitude 7220 Rugged Extreme Tablet is the lightest comparing starting weights and the most powerful when equipped with Intel® i7-8665U vPro™, 16GB RAM, Intel UHD Graphics 620, 2TB PCIe SSD (M.2) and 802.11ax WiFi. Based on Dell analysis of publicly available data, June 2019



DELL Technologies

# Rugged Workflows





# Engineered by you.

Your work takes you to some of the world's most extreme conditions, and you pushed us to create the world's most rugged PCs. We accompanied you to the harshest environments to become stronger than ever before and have proved our worth by developing models with the rugged durability to stand up to any challenge. Because when everything on our machines is created with purpose, you can better achieve your own.

**See the highest potential for Rugged applications we see today.**



Manufacturing

Oil  
& Gas



Federal  
Government



State/Local  
Government



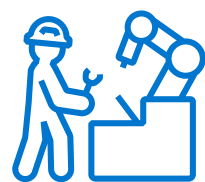
Transportation  
& Logistics



Field  
Services

# Automation in Extreme Environments

In today’s manufacturing climate your people, machines and production systems all need to perform. Whether your environment involves automated or manual processes, conditions can often prove disastrous for standard PCs. Heat, dust, vibration and accidental drops can all cause delays to the production and shipment of goods. With Dell Rugged computers, you cut this risk and keep your production lines running smoothly and profitably.



## MACHINE OPERATOR

**Overview:** As a Machine Operator, you need devices that can move with you across the manufacturing floor.

**Why you need Dell Rugged PCs:**  
They can stand up to those manufacturing elements that could slow production, keeping your operation running efficiently and on schedule.



## FLOOR SUPERVISOR

**Overview:** As a floor supervisor, you need to be highly mobile across the manufacturing floor and need a solution that can move and work with you from floor to desk.

**Why you need Dell Rugged PCs:**  
Offering versatility in any condition they help you to manage the shop floor, collect and analyze key data and properly manage all of your assets.



## PRODUCTION ENGINEER

**Overview:** As a Production Engineer, you work between the manufacturing floor and the back office.

**Why you need Dell Rugged PCs:**  
They offer performance benefits and versatility that can easily go from shop floor to desktop use for your most critical tasks.



## QUALITY CONTROL

**Overview:** As a Quality Controller, you rely on mobile computing solutions that can process data efficiently and reliably.

**Why you need Dell Rugged PCs:**  
You and your compute device will be exposed to all aspects of the manufacturing environment requiring mobility and reliability in any condition.



## INVENTORY CONTROL/LOGISTICS

**Overview:** Ensuring raw materials and components are readily available for production lines.

**Why you need Dell Rugged PCs:**  
The movement of inventory and finished goods involves locations and equipment that require rugged capabilities.

### Challenges

1. Require computing solutions that can operate with optimal processing power, regardless of the harsh conditions they may be exposed to.
2. Need flexibility in design that allows for vehicle mounted solutions and connections to legacy I/O and peripherals used in today’s manufacturing environments.
3. Provide user-friendly interfaces for varying conditions like touch screens that can be used while wearing gloves or in bright daylight conditions.

**Overcome those challenges with Dell’s solutions below:**



# A Rugged solution for manufacturing.

## Dell Latitude 7220 Rugged Extreme Tablet

In the fast-paced world of manufacturing, you can count on Dell's Rugged systems to keep up. With your work in mind, we created machines that are easy to embed into your manufacturing processes to ensure critical data is captured and tasks are executed as required for efficient and profitable manufacturing.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Take mobility to the extreme

**Easier to carry:** A tablet built to lighten your load on the job, weighing in at only 2.82 lbs. With optional straps, handles and docking solutions, we can deliver maximum mobility to keep up with you.

**Work anywhere:** Whether it's the shop floor, a forklift or the back office, you'll be confident you have the right solutions to accomplish your daily tasks without having to sacrifice performance.

**Steadfast connection:** Optimized mobile connectivity that's 3X faster and dedicated GPS keeps you connected at the most critical moments wherever your job takes you.

**Performance where you need it:** Featuring the latest 8th Gen Intel® Core™ processors to power through the day.



### Charge Solutions

Security cabinet for 7 Rugged Tablets provides charging and network connectivity with its 'slide and click' and 'grab and go' functionality. An ideal solution for ensuring your tablets are ready to go with full power and critical updates.

### Rugged accessories:

#### Rugged tablet & notebook carrying accessories

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



#### Rugged tablet dock

Maximize productivity when the job brings you back to the office with the Tablet Desk Dock. Improve system mobility whilst reducing opportunity for accidental damage.



#### Keyboard Cover & Kick stand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlit keys. The keyboard cover also offers additional screen protection and comes with a 180° kickstand.



#### Vehicle/Remote Docking

Vehicle/Remote docking solutions offer computer charging, security, and connection to peripherals in the enterprise, and other in-vehicle workplaces. Maximize productivity with these rugged lightweight docks which were built with theft deterrence, longevity and stability in mind.

#### Active Stylus

Get the most input responsiveness with an active Stylus. This Stylus is self-powered for a responsive pen experience on your Rugged Tablet.



#### Scanner module

Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.





# Manufacturing Floor /Office Solutions

## Dell Latitude 5420/5424 Rugged Notebook

On the factory floor, or in the office, Dell Rugged solutions seamlessly transition across any environment.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Works as hard as you do.

From the office to the shop floor, the Dell Latitude Rugged 14" notebook is built to withstand shocks, drops and vibrations. Thrives in extreme temperatures with QuadCool™ thermal management.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



**Only your work gets inside:** All entry points are protected by mechanical doors and ingress protection of IP54 to guard against dust and water. The customizable RGB backlit keyboard is fully protected and water-resistant, while integrated security options like Smartcard and Fingerprint readers will keep unauthorized users out.

### Rugged accessories:

#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day.



#### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.

#### Active Stylus

Get the most input responsiveness with an active Stylus for your notebook. This Stylus is self-powered for a responsive pen experience.



#### Display Port Desk Dock

The Desk Dock ensures excellent video connectivity with dual Display Port outputs and also includes simple toolless adjustment and improved guiding features.



#### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the system and is easily removed when necessary.



# Upstream Exploration & Production

Users working in extremely hazardous environments across oil and gas need devices that are deemed intrinsically safe. The Dell Latitude Rugged computers and tablets comply with ANSI/ISA.12.12.01, CAN/CSA C22.2 as well as ATEX on our 7220EX tablet allowing them to be used in potentially explosive environments. All while providing the performance, connectivity and capacity companies need to scale fast, do more, and stay competitive.



## SITE SURVEYORS/ GEOSCIENTISTS

**Overview:** As a Site Surveyor or Geoscientist you need to be highly mobile in varying environments.

**Why you need Dell Rugged PCs:**  
When capturing and analyzing data you need systems that will stand up to any conditions, in any environment.



## PETROLEUM ENGINEERS

**Overview:** As a mobile Petroleum Engineer, you shift between design/development of extraction plans and other field work.

**Why you need Dell Rugged PCs:**  
Highly mobile and built for rugged environments, they don't sacrifice computing power when used for design and planning work.



## RESERVOIR ENGINEERS

**Overview:** Though most analysis is done in the comfort of your office, you may be required to be in the field to perform well tests or gather data.

**Why you need Dell Rugged PCs:**  
They combine performance for the office and durability for the field to let you accomplish your job regardless of where you are.



## DRILLING ENGINEERS/ RIG OPERATOR

**Overview:** As a Drilling Engineer or Rig Operator, long days on the rig require a strong useable system while accomplishing your tasks.

**Why you need Dell Rugged PCs:**  
Purpose built to perform in the rugged outdoor conditions you will experience, with ingress and drop protection, glove touch and daylight readable screens.

### Challenges:

1. Trends in the digital transformation of extraction and production are changing processes for collecting, analyzing and acting upon data.
2. Location and extraction of the world's energy sources are becoming more reliant on technology advances.
3. Reductions in revenue resulting from slowing or stoppage of extraction and production due to antiquated systems and tools.

**Overcome those challenges with Dell's solutions below:**



# Upstream Exploration & Production Field Solutions

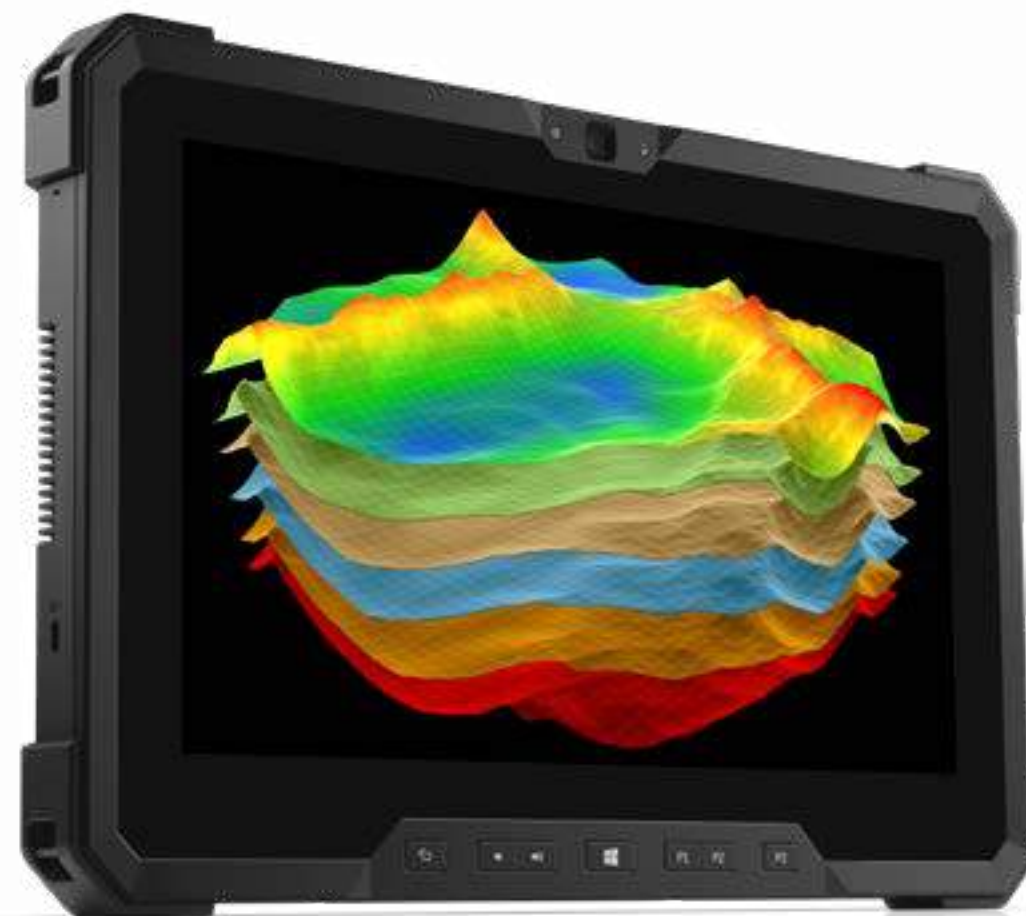
## Dell Latitude 7220 and 7220EX Rugged Extreme Tablet

Dell Rugged Solutions are exploration and field ready, providing reliable uptime and helping you work in the most challenging environments.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Take mobility to the extreme

**Easier to carry:** A tablet built to lighten your load on the job weighing in at only 2.82 lbs. With optional straps, handles and docking solutions, we can deliver maximum mobility to keep up with you.

**Work anywhere:** Whether it's the shop floor, a forklift or the back office, you'll be confident you have the right solutions to accomplish your daily tasks without having to sacrifice performance.

**Steadfast connection:** Optimized mobile connectivity that's 3X faster and dedicated GPS keeps you connected at the most critical moments wherever your job takes you.

**Performance where you need it:** Featuring the latest 8th Gen Intel® Core™ processors to power through the day.



### Charge Solutions

Security cabinet for 7 Rugged Tablets provides charging and network connectivity with its 'slide and click' and 'grab and go' functionality. An ideal solution for ensuring your tablets are ready to go with full power and critical updates.

### Rugged accessories:

#### Rugged tablet & notebook carrying accessories

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



#### Rugged tablet dock

Maximize productivity when the job brings you back to the office with the Tablet Desk Dock. Offers dual display support, serial connection, USB peripheral connections and dual spare battery charging slots<sup>1</sup>.



#### Keyboard Cover & Kick stand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlit keys. The keyboard cover also offers additional screen protection and comes with a 180° kickstand<sup>1</sup>.



#### Vehicle/Remote Docking

Vehicle/Remote docking solutions offer computer charging, security, and connection to peripherals in the enterprise, and other in-vehicle workplaces. Maximize productivity with these rugged lightweight docks which were built with theft deterrence, longevity and stability in mind.

#### Active Stylus

Get the most input responsiveness with an active Stylus. This Stylus is self-powered for a responsive pen experience on your Rugged Tablet.



#### Scanner module

Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.

<sup>1</sup>Not compatible with 7220EX Tablet



# Exploration & Production Engineering Solution

## Dell Latitude 7424 Rugged Extreme Notebook

In the toughest environments, Dell Rugged delivers reliability and full-scale mobility solutions to fit every scenario you encounter.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.

### Nerves of steel.

The Dell Latitude Rugged Extreme 14 is constructed with shock-absorbent materials that meets rigorous military-standard requirements. Compression-sealed to achieve an IP65 rating to keep dust and moisture from impeding your daily tasks.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



### A true workhorse.

The Dell Rugged Extreme 7424 offers the ability to add discrete graphics, optical disk drive and additional storage to ensure you have the power you need as well as dual hot swappable batteries for non-stop use. Secure your data with integrated security options like Smartcard and Fingerprint readers to keep unauthorized users out.



### Rugged accessories:



#### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



#### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the Quick Disconnect receptacles on the system and is easily removed when necessary.



#### Docking Solutions

Flexible docking solutions for the office, vehicle or any remote location where you need to be connected. Connect to legacy IO, peripherals and networks with ease where your job takes you.



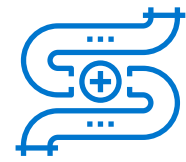
#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day.



# Midstream Processing/Transportation/Refining

Rock Oil has come a long way since it was first used as a medicine in the 1800's. And today, it is refined for use in countless other ways. To prevent interruption to production, you need maximum uptime from your equipment, and Dell Rugged laptops and tablets are built to provide stability in any environment.

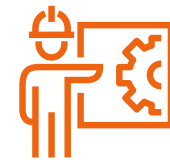


## PIPELINE ENGINEERS

**Overview:** Getting raw product to the production site quickly, efficiently and safely is key.

**Why you need Dell Rugged PCs:**

Whether you are developing routes and technical specs or overseeing your design in the field, you need powerful yet flexible rugged characteristics to move from office to field work.



## SAFETY/REGULATORY TECHNICIANS

**Overview:** Ensuring field-level safety, environmental and regulatory policies and guidelines are met for safe production.

**Why you need Dell Rugged PCs:**

Whether providing technical assistance to field operations or conducting inspections and assessments, you need a system that is reliable in any environment.



## SITE SUPERVISORS

**Overview:** The buck stops here! Overseeing all operations, ensuring safety and meeting your customers' requirements needs many moving parts to be in sync.

**Why you need Dell Rugged PCs:**

To be able to be at any location in the refinery at any given time and have unfettered access to critical data to keep production flowing – you need reliability in any condition.



## PETROLEUM PUMP SYSTEM OPERATORS

**Overview:** Whether setting up, tending to, or operating and controlling the refinery pumps, you will frequently be on the move to many potentially hazardous locations.

**Why you need Dell Rugged PCs:**

You need a highly-mobile solution with you wherever and whenever you need, regardless of the elements you'll be exposed to.



## REFINERY OPERATORS

**Overview:** Working with refinery equipment, maintaining and monitoring various machinery is key in this role.

**Why you need Dell Rugged PCs:**

You need a rugged PC that is protected from the harsh environments you could be in. Dust, moisture, extreme temperature, drops and spills – we've got you covered.

### Challenges:

1. In a high-risk environment with combustible elements, the inspection and maintenance of pipelines is a mission-critical piece of the equation.
2. Personnel need reliable hardware to access critical data to inspect, maintain and communicate back findings in potentially austere environments.
3. Increase operational efficiencies, maximize productivity and produce goods at a lower costs while reducing risk that impact safety and profitability.

**Overcome those challenges with Dell's solutions below:**



# Processing, Transportation & Refining Operations

## Dell Latitude 7220 and 7220EX Rugged Extreme Tablet

Dell Rugged solutions are lightweight, powerful and strong. Accomplish tasks, monitor production and ensure safety in the most austere environments.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Take mobility to the extreme

**Easier to carry:** A tablet built to lighten your load on the job weighing in at only 2.82 lbs. With optional straps, handles and docking solutions we can deliver maximum mobility to keep up with you.

**Work anywhere:** Whether it's the shop floor, a forklift or the back office you'll be confident you have the right solutions to accomplish your daily tasks without having to sacrifice performance.

**Steadfast connection:** Optimized mobile connectivity that's 3X faster and dedicated GPS keeps you connected at the most critical moments wherever your job takes you.

**Performance where you need it:** Featuring the latest 8th Gen Intel® Core™ processors to power through the day.



### Charge Solutions

Security cabinet for 7 Rugged Tablets provides charging and network connectivity with its 'slide and click' and 'grab and go' functionality. An ideal solution for ensuring your tablets are ready to go with full power and critical updates.

### Rugged accessories:

#### Rugged tablet & notebook carrying accessories

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



#### Rugged tablet dock

Maximize productivity when the job brings you back to the office with the Tablet Desk Dock. Offers dual display support, serial connection, USB peripheral connections and dual spare battery charging slots<sup>1</sup>.



#### Keyboard Cover & Kick stand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlit keys. The keyboard cover also offers additional screen protection and comes with a 180° kickstand<sup>1</sup>.



#### Active Stylus

Get the most input responsiveness with an active Stylus. This Stylus is self-powered for a responsive pen experience on your Rugged Tablet.



#### Vehicle/Remote Docking

Vehicle/Remote docking solutions offer computer charging, security, and connection to peripherals in the enterprise, and other in-vehicle workplaces. Maximize productivity with these rugged lightweight docks which were built with theft deterrence, longevity and stability in mind.

#### Scanner module

Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.

<sup>1</sup>Not compatible with 7220EX Tablet



# Processing, Transportation and Refining - Supervisory & Engineering

## Dell Latitude 7424 Rugged Extreme Notebook

In the toughest environments, Dell Rugged delivers reliability and full-scale mobility solutions to fit every scenario you encounter.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.

### Nerves of steel.

The latest 14" notebook made with shock-absorbent materials that meets rigorous military-standard requirements. Compression-sealed from sand, dust and liquids.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



### A true workhorse.

The Dell Rugged Extreme 7424 offers the ability to add discrete graphics, optical disk drive and additional storage to ensure you have the power you need as well as dual hot swappable batteries for non-stop use. Secure your data with integrated security options like Smartcard and Fingerprint readers to keep unauthorized users out.



### Rugged accessories:



#### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



#### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the Quick Disconnect receptacles on the system and is easily removed when necessary.



#### Docking Solutions

Flexible docking solutions for the office, vehicle or any remote location where you need to be connected. Connect to legacy IO, peripherals and networks with ease where your job takes you.

#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day.



# Military

Users within the military community rely on technology to transfer critical data quickly and securely – often in extreme, austere and challenging environments. Equipment failure resulting in possible life-threatening downtime is not an option. Defense agencies worldwide put their trust in Dell’s Latitude Rugged Laptops and Tablets with extreme rugged features required by MIL-STD-810G/H testing standards, ingress protection of IP65 and multiple mobility options to keep you connected and in the fight.



## FRONT LINE OPERATIONS

**Overview:** In the field and on the front line, you need reliable technology that works as hard as you. Rugged solutions enable you to optimize data analysis, power through intensive data collection and easily handle long, on-site tasks in remote locations regardless of the environment.

### Why you need Dell Rugged PCs:

Your “office” is extreme. It could be in extreme heat, cold, vibratory, dust, wet or even salt air environments. Expectations for system reliability are equally as high as the potentially stressful situations you will encounter at the “office”. Only Rugged systems can perform within these parameters allowing the war fighter to stay connected to perform critical operations in the field.



## IT/SECURITY PROFESSIONALS

**Overview:** You need powerful, reliable fleets of systems capable of powering through intensive data collection and analysis with solid mobile rugged solutions. With Dell’s core tenants of reliability, security and manageability our Rugged solutions ensure you peace of mind that our durable solutions will keep your fleets connected and on task to complete critical operations.

### Why you need Dell Rugged PCs:

Only powerful and versatile rugged solutions will provide you with the capability to optimize data collection, aggregation and analysis on-site or in-the-field. Your users are tough – their jobs are tough. You need Dell Rugged solutions.

## Challenges:

1. Standard computing platforms will not last in extreme austere environments. System reliability for communications and readily available data are key elements to the war fighters success. Additionally, machines are used in long shifts, devices require long battery life and the ability to withstand high vibrations/shocks and drops.
2. Environments and locations of fleet resources can change quickly. Easy to manage solutions with flexible mobility configurations are needed throughout the organization.

**Overcome those challenges with Dell’s solutions below:**



# Military – Field Operations – Down Range

## Dell Latitude 7220 Rugged Extreme Tablet

In the most challenging environments, Dell Rugged provides reliability and mobility solutions for every scenario whilst keeping your data safe with security options like integrated SmartCard readers.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Take mobility to the extreme

A tablet built to lighten your load on the job weighing in at only 2.82 lbs. With optional straps, handles and docking solutions we can deliver maximum mobility to keep up with you.

**Work anywhere:** Whether it's the front line or the flight line, you'll be confident you have the right solutions to accomplish your daily tasks without having to sacrifice performance.

**Steadfast connection:** Optimized mobile connectivity that's 3X faster and dedicated GPS keeps you connected at the most critical moments wherever your job takes you.

**Performance where you need it:** Featuring the latest 8th Gen Intel® Core™ processors to power through the day.



### Rugged accessories:

#### Rugged tablet & notebook carrying accessories

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



#### Rugged tablet dock

Maximize productivity when the job brings you back to the office with the Tablet Desk Dock. Offers large monitor or dual display support with VGA, serial and Display Port outputs, and dual spare battery charging slots.



#### Keyboard Cover & Kick stand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlit keys for easy identification of secure/unsecure networks. The keyboard cover also offers additional screen protection and comes with a 180° kickstand.

#### Vehicle/Remote Docking

Vehicle/Remote docking solutions offer computer charging, security, and connection to peripherals in the enterprise, and other in-vehicle workplaces. Maximize productivity with these rugged lightweight docks which were built with theft deterrence, longevity and stability in mind.



#### Active Stylus

Get the most input responsiveness with an active Stylus. This Stylus is self-powered for a responsive pen experience on your Rugged Tablet.



# Military – Field Operations / Down Range

## Dell Latitude 7424 Rugged Extreme Notebook

When you need Rugged capability in any circumstance, Dell Rugged delivers reliability and full-scale mobility solutions to fit every scenario you encounter whilst keeping your data safe with security options like integrated SmartCard readers.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.

### Nerves of steel.

The latest 14" notebook made with shock-absorbent materials that meets rigorous military-standard requirements. Compression-sealed from sand, dust and liquids.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



### A True Workhorse.

The Dell Rugged Extreme 7424 offers the ability to add discrete graphics, optical disk drive, GPS and mobile broadband to ensure you have the power you need, as well as dual hot swappable batteries for non-stop use. Secure your data with integrated security options like Smartcard and Fingerprint readers to keep unauthorized users out.



### Rugged accessories:



#### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



#### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the Quick Disconnect receptacles on the system and is easily removed when necessary.



#### Docking Solutions

Flexible docking solutions for the office, vehicle or any remote location where you need to be connected. Connect to legacy IO, peripherals and networks with ease where your job takes you.

#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day.





# Military – Operational Support

## Dell Latitude 5420/5424 Rugged Notebook

Supporting the war fighter could place you in environments that would make standard computers fail. Rugged mobile solutions from Dell will provide you the reliability and durability whether you are in a dusty tent in the desert or the back office in a hardened facility.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

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### Works as hard as you do.

The latest 14" notebook built to withstand shocks, drops and vibrations. Thrives in extreme temperatures with QuadCool™ thermal management.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



**Only your work gets inside:** All entry points are protected by mechanical doors and ingress protection of IP54 to guard against dust and water. The customizable RGB backlit keyboard is fully protected and water-resistant, while integrated security options like Smartcard or Fingerprint readers will keep unauthorized users out.

### Rugged accessories:



#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day. Also it gives you more power as the day is long.



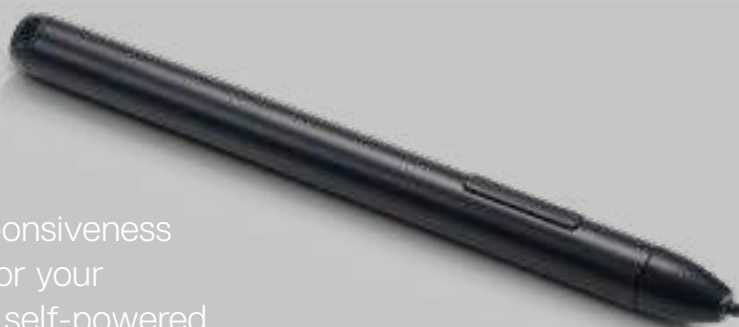
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#### Shoulder strap

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#### Active Stylus

Get the most input responsiveness with and active Stylus for your notebook. This Stylus is self-powered for a responsive pen experience.



#### Rugged Desk Dock

The Desk Dock ensures excellent video connectivity with dual Display Port outputs and also includes simple toolless adjustment and improved guiding features.



# Federal Civilian Agency

Whether it is supporting citizens after a natural disaster, chasing dangerous fugitives or putting satellites into space, Dell offers mobility solutions powerful enough for data crunching and analysis and flexible enough to take the rigors of the field with you when you have to go. Dell's Rugged Latitude 5420/5424 notebooks are purpose built to be the most versatile IT asset you have. With Rugged features to stay operational in the field, like dual hot swappable batteries for continuous use and protection from elements such as dust and moisture, you'll be at ease knowing you can conduct your job wherever your it takes you. Staying connected anywhere is easy with integrated mobile broadband and GPS.



## CIVILIAN AGENCY PROFESSIONALS

**Overview:** When your role as a Civilian Agency Professional requires you to get in the field you rely on your technology to keep up with you. Rugged reliability and connectivity will keep you engaged and efficient when providing critical services to the community you serve.

### Why you need Dell Rugged PCs:

You may be called to devastated regions, be collecting water or land samples or checking agriculture processing while needing to be connected all the while. Dell Rugged will keep you on task regardless of your surroundings.



## IT ADMINISTRATORS

**Overview:** Your users may go TDY to help or constantly be in elements and environments that would destroy standard computing platforms. Beyond security and manageability of this fleet you don't want to also have to worry about reliability.

### Why you need Dell Rugged PCs:

Dell Latitude is the known leader in reliability, manageability and security. Dell Rugged Latitude steps up the game, allowing for those same attributes to be used in the most challenging environments.

## Challenges:

1. Need devices that are TAA compliant with integrated smartcard readers, can be equipped with mobile broadband, and are easily managed.
2. Need devices that can be deployed and used in settings that require protection from potentially challenging working conditions.

**Overcome those challenges with Dell's solution below:**



# Civilian Agency – Field/Office Solution

## Dell Latitude 5420/5424 Rugged Notebook

Dell Rugged powers your fleet's performance and security, while giving you flexible mobility solutions for every workspace.

Rock-solid reliability, security and manageability.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

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Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



**Only your work gets inside:** All entry points are protected by mechanical doors and ingress protection of IP54 to guard against dust and water. The RGB backlit keyboard is fully protected and water-resistant, while security options like SmartCard or Fingerprint readers keep unauthorized users out.



### Rugged accessories:



#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day. Also it gives you more power as the day is long.



#### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



#### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the system and is easily removed when necessary.



#### Active Stylus

Get the most input responsiveness with an active Stylus for your notebook. This Stylus is self-powered for a responsive pen experience.



#### Rugged Desk Dock

The Desk Dock ensures excellent video connectivity with dual Display Port outputs and also includes simple toolless adjustment and improved guiding features.



# Law Enforcement

When mobile data was first introduced to the law enforcement community, it was immediately realized for the unmistakable tool for which it has become. Reliability in your hardware and communications are key for keeping officers and the greater community safe. And though the “office” has gotten smaller and more complex for those who serve our communities, Dell has the most reliable and easy to maintain vehicular solutions to meet the need of the daily grind, regardless of the statutes you are upholding.



## STATE/LOCAL POLICE OFFICERS

**Overview:** As a Police Officer or Chief, you need a mobile, reliable GPS solution that can be easily mounted in vehicles and accessed on the road with the tightest security settings. You have come to rely on your mobile computing platform as you have your vehicle or even your firearm. Reliability, expedience and accuracy are key to keeping you and our communities safe.

### Why you need Dell Rugged PCs:

Vehicle cabin temperatures can range greatly. The vibration a mobile data computer will endure over many thousand miles will be consistent. The sun is bright. Occasionally a computer may be used as a cup holder with less than desirable results. Dell has you covered for all these elements in the “office”.



## LAW ENFORCEMENT IT ADMINISTRATORS

**Overview:** You may not be on patrol, but you are the first one to get called if the mobile data system is not functioning properly. You and your communities sleep better at night when data is accessible and hardware performs as it should, because of extensive testing and certifications.

### Why you need Dell Rugged PCs:

The MDC is a critical tool for your officers so uptime and reliability is paramount. Dell Rugged systems have been tested and certified to endure the conditions of your first responders and with 24/7 access to Dell support, we are here when you need us.

## Challenges:

1. Require mobile data system capable of withstanding extreme temperatures and vibration, daylight readable screens capable of wireless communications, and vehicle location options for dispatch and data request/capture, as well as lockable secure mobile data vehicle docking.
2. Require manageability tools for simplification and ease of fleet management, as well as access to 24x7 365 day technical support.

**Overcome those challenges with Dell’s solutions below:**



# Patrol – Tablet Solution

## Dell Latitude 7220 Rugged Extreme Tablet

Whether it's on the road or in the office, Dell Rugged powers reliability and flexibility anywhere you may be.

Rock-solid reliability, security and manageability.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Take mobility to the extreme

**Easier to carry:** A tablet built to lighten your load on the job weighing in at only 2.82 lbs. With optional straps, handles and docking solutions we can deliver maximum mobility to keep up with you.

**Work anywhere:** Whether it's in vehicle running a plate, or gathering report data, you'll be confident you have the right solutions to accomplish your daily tasks without having to sacrifice performance.

**Performance where you need it:** Featuring the latest 8th Gen Intel® Core™ processors to power through the day.



#### Scanner module

Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.



**Steadfast connection:** Optimized mobile connectivity that's 3X faster and dedicated GPS keeps you connected at the most critical moments wherever your job takes you.



### Rugged accessories:

#### Rugged tablet & notebook carrying accessories

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



#### Rugged tablet dock

Maximize productivity when the job brings you back to the office with the Tablet Desk Dock. Offers dual display support, serial connection, USB peripheral connections and dual spare battery charging slots.



#### Keyboard Cover & Kick stand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlit keys. The keyboard cover also offers additional screen protection and comes with a 180° kickstand.



#### Active Stylus

Get the most input responsiveness with an active Stylus. This Stylus is self-powered for a responsive pen experience on your Rugged Tablet.

#### Vehicular Docking

Vehicle Docking Solutions offer computer charging, security, and connection to peripherals along with critical subsystems in-vehicle workplaces. Maximize productivity with these rugged lightweight docks which have been built with theft deterrence, longevity and stability in mind.



# Patrol – Laptop Solution

## Dell Latitude 7424 Rugged Extreme Notebook

When you need Rugged capability in any circumstance, Dell Rugged delivers reliability and full-scale mobility solutions to fit every scenario you encounter, whilst keeping your data safe with security options like integrated SmartCard readers.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.

### Nerves of steel.

The latest 14" notebook made with shock-absorbent materials that meets rigorous military-standard requirements. Compression-sealed from sand, dust and liquids.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



### A True Workhorse.

The Dell Rugged Extreme 7424 offers the ability to add discrete graphics, optical disk drive, GPS and mobile broadband, to ensure you have the power you need, as well as dual hot swappable batteries for non-stop use. Secure your data with integrated security options like Smartcard and Fingerprint readers to keep unauthorized users out.



### Rugged accessories:

#### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



#### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the Quick Disconnect receptacles on the system and is easily removed when necessary.



#### Docking Solutions

Flexible docking solutions for the office, vehicle or any remote location where you need to be connected. Connect to legacy IO, peripherals and networks with ease where your job takes you.

#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day.





# Law Enforcement IT Back Office Solutions

## Dell Latitude 5420/5424 Rugged Notebook

Dell Rugged powers your fleet’s performance and security, while giving you flexible mobility solutions for every workspace.

Rock-solid reliability, security and manageability.

**Rugged For the Real World:** You can’t slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world’s most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Works as hard as you do.

The latest 14” notebook built to withstand shocks, drops and vibrations. Thrives in extreme temperatures with QuadCool™ thermal management.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



**Only your work gets inside:** All entry points are protected by mechanical doors and ingress protection of IP54 to guard against dust and water. The RGB backlit keyboard is fully protected and water-resistant, while security options like SmartCard or Fingerprint readers will keep unauthorized users out.



### Rugged accessories:

#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day. Also it gives you more power as the day is long.



#### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



#### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the system and is easily removed when necessary.



#### Active Stylus

Get the most input responsiveness with an active Stylus for your notebook. This Stylus is self-powered for a responsive pen experience.



#### Dell Rugged Desk Dock

The Desk Dock ensures excellent video connectivity with dual Display Port outputs and also includes simple toolless adjustment and improved guiding features.



# Fire & EMS Services

When you get called to service, lives and property are on the line. So you rely on technology to keep up with you wherever you are called. From dispatch to being on scene or entering EPCR data from your patient, you need systems that can withstand the rugged conditions you are exposed to, while maintaining critical wireless communications throughout the call. Dell Rugged will be there for you, reliably, to provide these vital services.



## FIRE FIGHTER

**Overview:** Whether the high heat from the burning structure or the excessive vibration while mounted on the engines doghouse, you and your computers are exposed to extreme conditions.

**Why you need Dell Rugged PCs:**

Your mobile solutions must endure the same rugged conditions you do. Whether on scene or in the structure investigating the cause you need rugged devices to get you there and get the job done.



## EMERGENCY MEDICAL TECHNICIANS

**Overview:** When seconds matter, you need a reliable wireless and GPS enabled solution to get you on scene to save lives. Gathering EPCR data should be easy with flexible solutions for pen based, touch or keyboard entry. Long battery life for extended shifts and drop and ingress protection are key.

**Why you need Dell Rugged PCs:**

When lives matter, your technology needs to be as dependable as the care you give. Dell Rugged provides extreme reliability in all conditions with ease of use for data entry.



## IT ADMINISTRATORS

**Overview:** Diverse assets deployed to various parts of the community require you to be able to easily manage those IT components, while trusting that reliable, secure devices can withstand extreme environments to continually perform.

**Why you need Dell Rugged PCs:**

System reliability for your users could mean life or death. Dell Rugged have been tested and certified to endure the conditions of your first responders, and with 24/7 access to Dell support, we are here when you need us.

### Challenges:

1. Excessive vibration in fire apparatus and exposure to extreme conditions challenge reliability in computing platforms.
2. Reliable communications and GPS solutions needed for critical time sensitive incident response.
3. EMT first responders are constantly on the go, frequently utilizing tablets to input patient diagnostics, obtain signatures and track data.



**Overcome those challenges with Dell’s solutions below.**



# EPCR Mobile and Mounted Solutions

## Dell Latitude 7220 Rugged Extreme Tablet

Dell Rugged always gives you reliability, with flexible mobility options that support long shifts, high-pressure environments and optimal uptime.

Rock-solid reliability, security and manageability.

**Most Reliable:** Features a durable, built-to-last chassis that has undergone extensive military-grade MIL-STD 810G testing, ensuring that your system can withstand real world conditions.

**Most Secure:** Our award-winning endpoint security solutions include comprehensive encryption, advanced authentication and leading-edge threat protection with Dell Data Protection.

**Most Manageable:** The world's most manageable rugged system is built to allow flexible and automated BIOS and system configurations via Dell Client Command Suite, so it's easy to deploy, monitor and update your fleet.



### Take mobility to the extreme

**Easier to carry:** A tablet built to lighten your load on the job, weighing in at only 2.82 lbs.

**Work anywhere:** The optional shoulder strap, soft handle, chest harness and crash-certified vehicle docking, deliver maximum mobility to keep up with you.

**Steadfast connection:** Optimized mobile connectivity that's 2X faster, and dedicated GPS, keeps you connected at the most critical moments even in remote locations.

**Performance where you need it:** Featuring the latest 8th Gen Intel® Core™ processors to power through the day.



### Rugged accessories:

#### Rugged tablet & notebook carrying accessories

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



#### Rugged tablet dock

Maximize productivity when the job brings you back to the office with the Tablet Desk Dock. Offers dual display support, serial connection, USB peripheral connections and dual spare battery charging slots.



#### Keyboard Cover & Kick stand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlit keys. The keyboard cover also offers additional screen protection and comes with a 180° kickstand.



#### Stylus

Get the most input responsiveness with an active Stylus. This Stylus is self-powered for a responsive pen experience on your Rugged Tablet.

#### Vehicle Docking

Flexible Docking Solutions offer computer charging, security, and connection to peripherals in-vehicle workplaces. Maximize productivity with these rugged lightweight docks which are built with theft deterrence, longevity and stability in mind.



# Fire/Rescue Services – Mobile/Mounted

Dell Latitude 7424  
Rugged Extreme Notebook

When you need Rugged capability in any circumstance, Dell Rugged delivers reliability and full-scale mobility solutions to fit every scenario you encounter whilst keeping your data safe with security options like integrated SmartCard readers.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



## Nerves of steel.

The latest 14" notebook made with shock-absorbent materials that meets rigorous military-standard requirements. Compression-sealed from sand, dust and liquids. Rugged performance powered by the latest 8th Gen Intel® Core™ processors.

## A True Workhorse.

The Dell Rugged Extreme 7424 offers the ability to add discrete graphics, optical disk drive, GPS and mobile broadband, to ensure you have the power you need, as well as dual hot swappable batteries for non-stop use.



## Rugged accessories:



### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the Quick Disconnect receptacles on the system and is easily removed when necessary.



### Docking Solutions

Flexible docking solutions for the office, vehicle or any remote location where you need to be connected. Connect to legacy IO, peripherals and networks with ease where your job takes you.

### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day.





# Fire/EMS Services – Back Office/Inspections

## Dell Latitude 5420/5424 Rugged Notebook

Dell Rugged ensures optimal fleet support and security, so you and your team have a reliable solution during the most challenging moments.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Works as hard as you do.

The latest 14" notebook built to withstand shocks, drops and vibrations. Thrives in extreme temperatures with QuadCool™ thermal management and 1000 NIT daylight readable touch screens.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



**Only your work gets inside:** All entry points are protected by mechanical doors and ingress protection of IP54 to guard against dust and water. The customizable RGB backlit keyboard is fully protected and water-resistant, while integrated security options like Smartcard and Fingerprint readers will keep unauthorized users out.



### Rugged accessories:

#### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day. Also it gives you more power as the day is long.



#### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



#### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the system and is easily removed when necessary.



#### Active Stylus

Get the most input responsiveness with and active Stylus for your notebook. This Stylus is self-powered for a responsive pen experience.



#### Dell Rugged Desk Dock

The Desk Dock ensures excellent video connectivity with dual Display Port outputs and also includes simple toolless adjustment and improved guiding features.



# Transportation & Logistics

Whether your business is to keep people or merchandise moving, you need to do it with efficiency and reliability to avoid customer dissatisfaction and potentially decreased profits. Maintaining the equipment you use daily is vitally important to ensure those goods and people are moved to and from safely. Your “office” environment could pose hazards and conditions requiring the most reliable, secure and manageable rugged product on the market, to keep your competitive edge by delivering those people and goods on time as expected.



## FORKLIFT/ORDER PICKING/LOAD MASTER WAREHOUSE/SHIPPING/FREIGHT/CARGO

**Overview:** Whether your shipping dock is on a coastal waterway or the back of a warehouse, the equipment used to move goods from warehouse shelf to the shipping vessel can be tough. The environment can present challenges where standard computers will quickly fail.

### Why you need Dell Rugged PCs:

Time is money. Accuracy is money. Reliable rugged devices that can be exposed to harsh environments, while remaining connected to critical data, will ensure accurate sourcing, better cycle count results and help eliminate delays in getting product out the door, down the tracks, across the miles, or navigated across the seas.

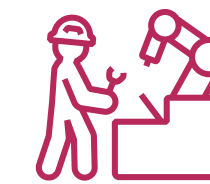


## DRIVER/ENGINEER

**Overview:** Getting product and people where they need to be when expected is critical to ensure customers satisfaction and success of the business. That large responsibility falls to you.

### Why you need Dell Rugged PCs:

Whether picking up or dropping off – being able to withstand vibration from large diesel engines, while providing accurate and timely routing, will get you and your cargos where they need to be, when they need to be there.



## MECHANIC

**Overview:** Whether your delivery vehicle has wings, runs on rails or rubber, you need to keep the fleet moving to avoid costly delays due to mechanical failure.

### Why you need Dell Rugged PCs:

Nobody has as many moving parts in their office as you do. Being on a maintenance stand or in the engine compartment, you will appreciate bright daylight readable screens and the ruggedness to take the heat or the fall. Dell Rugged will be just as valuable as all that steel in your toolbox.

## Challenges:

1. Dockable solutions needed for forklift/order picking with local wireless connectivity and bar code scanning capability.
2. Vehicle dockable solutions providing daylight readable, glove touch screens with mobile broadband wireless connectivity and GPS capability.
3. Systems that can withstand high temperatures with legacy I/O ports for serial connectivity and glove capable touch screens.

**Overcome those challenges with Dell's solutions below.**



# Transportation/ Logistics

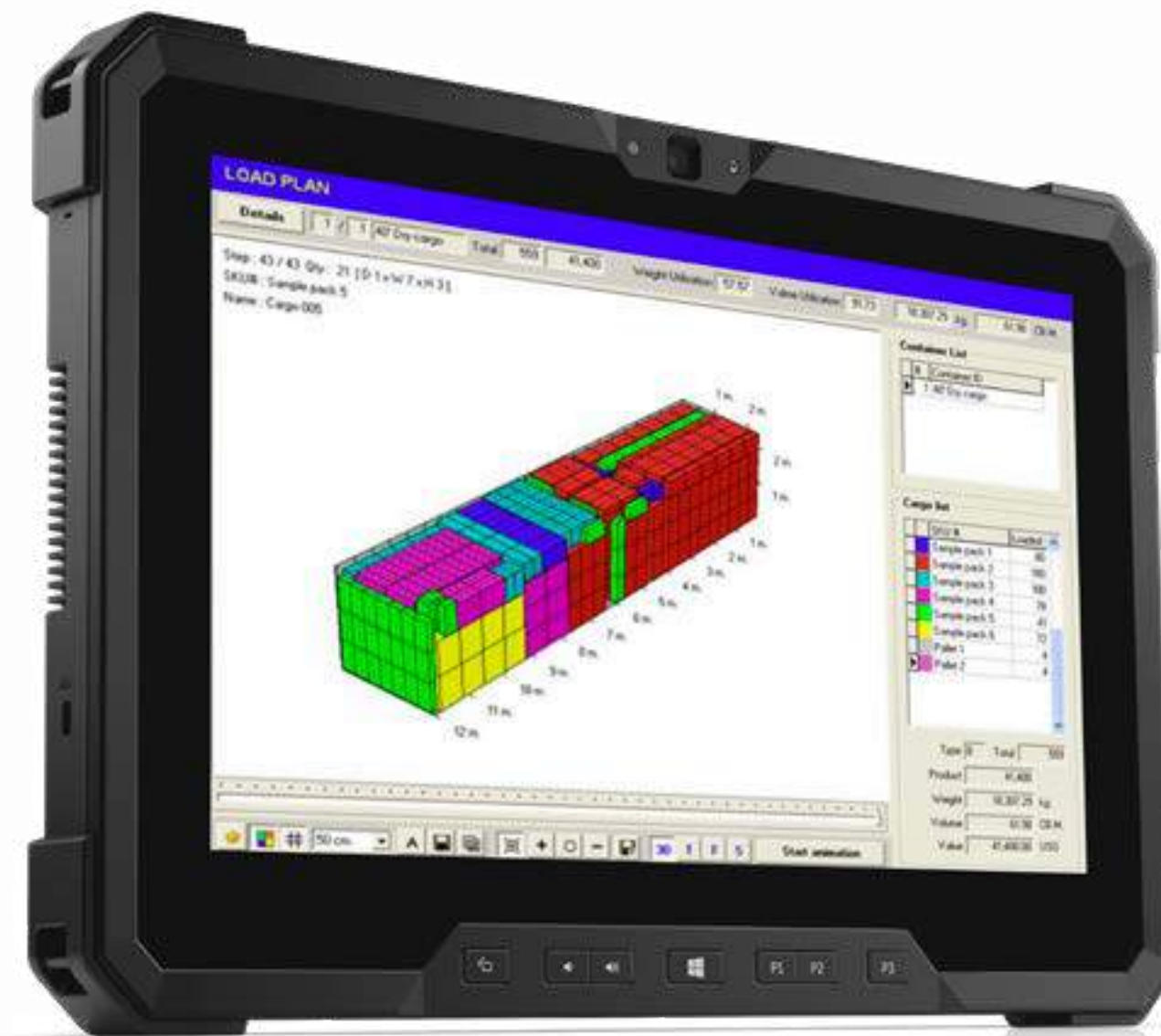
## Dell Latitude 7220 Rugged Extreme Tablet

Dell Rugged can help whether you are moving people or product. On-time arrivals/deliveries ensure success and profitability for you and your business.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Take mobility to the extreme

**Easier to carry:** A tablet built to lighten your load on the job weighing in at only 2.82 lbs. With optional straps, handles and docking solutions we can deliver maximum mobility to keep up with you.

**Work anywhere:** Whether it's in vehicle running a plate, or gathering report data, you'll be confident you have the right solutions to accomplish your daily tasks without having to sacrifice performance.

**Performance where you need it:** Featuring the latest 8th Gen Intel® Core™ processors to power through the day.



**Scanner Module:** Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.



**Steadfast connection:** Optimized mobile connectivity that's 3X faster and dedicated GPS keeps you connected at the most critical moments wherever your job takes you.



### Rugged accessories:

#### Rugged tablet & notebook carrying accessories

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



#### Rugged tablet dock

Maximize productivity when the job brings you back to the office with the Tablet Desk Dock. Offers dual display support, serial connection, USB peripheral connections and dual spare battery charging slots.



#### Keyboard Cover & Kick stand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlit keys. The keyboard cover also offers additional screen protection and comes with a 180° kickstand.



#### Active Stylus

Get the most input responsiveness with an active Stylus. This Stylus is self-powered for a responsive pen experience on your Rugged Tablet.

#### Vehicular Docking

Vehicle Docking Solutions offer computer charging, security, and connection to peripherals along with critical subsystems in-vehicle workplaces. Maximize productivity with these rugged lightweight docks, which have been built with theft deterrence, longevity and stability in mind.



# Vehicle Maintenance Services

Dell Latitude 5420/5424  
Rugged and 7424 Rugged  
Extreme Notebooks

Checking diagnostics in the shop, or changing a hydraulic pump in the snow, our Rugged solutions will help you keep your fleet moving in the right direction.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.

Made to work where you do.

Dell Rugged can help you maintain your fleet with fully rugged or semi-rugged laptop solutions. Both are designed with key elements to prevent damage from extreme temperatures, drops, vibrations along with protection from dust and moisture ingress. Daylight readable touch screens allow you to work even with gloves on.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



Power to get the job done.

The Dell Rugged and Rugged Extreme laptops offer the ability to add discrete graphics, optical disk drives and additional storage to ensure you have the power you need, as well as dual hot swappable batteries for non-stop use.



Rugged accessories:

**All Day Power**

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



**Shoulder strap**

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the Quick Disconnect receptacles on the system and is easily removed when necessary.

**Docking solutions**

Flexible docking solutions for the office, vehicle or any remote location where you need to be connected. Connect to legacy IO, peripherals and networks with ease where your job takes you.



**Battery Charger**

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day.



# Field Services

If your day might consist of repairing an air conditioning unit on a rooftop in the sweltering heat, or pulling a tractor trailer out of a ditch on an icy road, customer satisfaction is your main goal. Efficiency in access to dispatch information, along with job orders and tasks, will improve your overall customers satisfaction along with improving company image and profits. You, along with your “office”, are on the move all day, potentially into the night and certainly at times into very harsh environments. Dell Rugged has the features and reliability you can rely on to get you there, help you stay on task, and get the job done.



## FIELD SERVICE DELIVERY

**Overview:** Customers anticipate that the new purchase or service you promised is provided. Ensuring you have the right tools to get you there and deliver is your primary objective.

**Why you need Dell Rugged PCs:** With a variety of mobile mounted options along with rugged features to be used in the harshest of environments, you will be confident these systems have what it takes to keep you on track and on task to ensure customer satisfaction.



## FIELD SERVICE TECHNICIAN

**Overview:** When things need fixing, customers need you. While on site you will need access to data to ensure the troubleshooting and the repair are done right.

**Why you need Dell Rugged PCs:** Once dispatched to the service call, you will want to go from mounted to mobile and take your rugged PC with you for wireless access to key information for the repair. Once complete, easily review what was completed with the customer and close service repair calls while on site.



## UTILITY/EMERGENCY RESPONSE

**Overview:** The harshness of environments play right into you being called out. Knowing where key assets are located and being able to refer to data to ensure fast resolution to the problem in those environments is key.

**Why you need Dell Rugged PCs:** Whether a downed power line, water main break, or a truck off an icy road, you’ll be dispatched into harsh conditions. When you’re there, you will need a reliable rugged device to access the information for the fix so you can get it done efficiently and safely to move onto the next task.

## Challenges:

1. Dockable solutions needed for product, service and repair delivery. Need to be easily removable and securable in vehicle.
2. Solutions that provide daylight readable, glove touch screens with mobile broadband wireless connectivity and GPS capability.
3. Systems that can withstand extreme high/low temperatures with legacy I/O ports for serial connectivity and glove capable touch screens.

**Overcome those challenges with Dell’s solutions below.**



# Product/Service Delivery

## Dell Latitude 7220 Rugged Extreme Tablet

Dell Rugged can help when delivering a product or service is your main objective. On-time arrivals/deliveries ensure success and profitability for you and your business.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.



### Take mobility to the extreme

**Easier to carry:** A tablet built to lighten your load on the job weighing in at only 2.82 lbs. With optional straps, handles and docking solutions we can deliver maximum mobility to keep up with you.

**Work anywhere:** Whether it's in vehicle running a plate, or gathering report data, you'll be confident you have the right solutions to accomplish your daily tasks without having to sacrifice performance.

**Performance where you need it:** Featuring the latest 8th Gen Intel® Core™ processors to power through the day.



**Scanner Module:** Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.



**Steadfast connection:** Optimized mobile connectivity that's 3X faster and dedicated GPS keeps you connected at the most critical moments wherever your job takes you.



### Rugged accessories:

#### Rugged tablet & notebook carrying accessories

Take your rugged tablet and notebook anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



#### Rugged tablet dock

Maximize productivity when the job brings you back to the office with the Tablet Desk Dock. Offers dual display support, serial connection, USB peripheral connections and dual spare battery charging slots.



#### Keyboard Cover & Kick stand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlit keys. The keyboard cover also offers additional screen protection and comes with a 180° kickstand.



#### Active Stylus

Get the most input responsiveness with an active Stylus. This Stylus is self-powered for a responsive pen experience on your Rugged Tablet.



#### Vehicular Docking

Vehicle Docking Solutions offer computer charging, security, and connection to peripherals along with critical subsystems in-vehicle workplaces. Maximize productivity with these rugged lightweight docks, which have been built with theft deterrence, longevity and stability in mind.



# Field Service Technician/Emergency Services

Dell Latitude 5420/5424  
Rugged and 7424 Rugged  
Extreme Notebooks

When things stop working you get called to action. Dell Rugged will endure the elements with you to ensure repair and restoration is completed safely and efficiently.

**Rugged For the Real World:** You can't slow down when the job is tough. No matter what challenges the world throws at you, handle them with confidence. Latitude Rugged means extreme durability for world-class reliability in rough conditions.

**Productivity Anywhere:** You need to stay productive and work efficiently even when the elements are working against you. Latitude Rugged is designed for the way you work with features like outdoor-readable displays, glove-capable touch, legacy IO capability and advanced wireless connectivity.

**Business Class Control:** The Dell Latitude Rugged portfolio allows you to take your business to the world's most challenging job sites. Latitude Rugged systems keep you in control of your technology with the same industry-leading security, manageability and reliability as the rest of the Dell Latitude portfolio.

## Made to work where you do.

Dell Rugged can help you maintain your fleet with fully rugged or semi-rugged laptop solutions. Both are designed key elements to prevent damage from extreme temperatures, drops, vibrations along with protection from dust and moisture ingress. Daylight readable touch screens allow you to work even with gloves on.

Rugged performance powered by the latest 8th Gen Intel® Core™ processors.



## Power to get the job done.

The Dell Rugged and Rugged Extreme laptops offer the ability to add discrete graphics, optical disk drives and additional storage to ensure you have the power you need, as well as dual hot swappable batteries, for non-stop use.



## Rugged accessories:

### All Day Power

Confidently stay to task all day with Dell Rugged dual hot swappable battery technology.



### Shoulder strap

Enhance the portability of your notebook with the lightweight and flexible shoulder strap. The strap attaches easily and securely to the Quick Disconnect receptacles on the system and is easily removed when necessary.



### Docking solutions

Flexible docking solutions for the office, vehicle or any remote location where you need to be connected. Connect to legacy IO, peripherals and networks with ease where your job takes you.



### Battery Charger

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged notebooks and 7220 and 7212 tablets to keep spare batteries fully charged and ready-to-go to power your day.