

PRODUCT INFORMATION

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|---------------------|-------------------------------|---------------|---------|
| Product description | RK3588 industrial control box | Model Number: | X3588-i |
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|----------------------------|--|--|---|
| Processor | CPU | RK3588 octa-core CPU 8nm process 4 x Cortex-A76 and 4 x Cortex-A55 | |
| | GPU | ARM Mali G610 MP4 GPU | |
| | NPU | 6Tops, int4/int8/int16/FP16 | |
| | MCU | for low power control | |
| | RAM | 8GB (default) / optional 16GB | |
| | Internal memory | 32GB (default) / optional 64GB/128GB/256GB | |
| | Operating system | Android 12 / Linux (planned, not ready yet) | |
| Network | WiFi | IEEE 802.11a/b/g/n/ac | |
| | Dual wired network | Support 10/100/1000M Ethernet*2 (Dual Gigabit LANs is optional) | |
| | Mobile Network | Supports wireless 4G network | |
| | Bluetooth | Bluetooth 5.0 | |
| Interfaces | Upper Layer Interface | TYPE_C | USB Type_C*1 |
| | | DC holder*1 | DC_12V input 5.5*2.5mm plug |
| | | DC terminal input interface*1 | DC_12V input 4PIN pitch 3.81mm terminal |
| | | Earphone | 3.5MM support stereo with MIC headphone output port |
| | | USB 3.0 | USB 3.0 A port*2 |
| | | HDMI_OUT_1 | HDMI 2.1 output*1 (support 7680*4320 60HZ max. output via one single HDMI display) |
| | | SIM card | SIM card slot*1 |
| | | Ethernet port | Support 10/100/1000M Ethernet*1 |
| | | Speaker | Dual channel 4 Ohm 5W speaker interface 4PIN pitch 3.81 green terminals *1 |
| | Lower Layer Interface | HDMI_IN*1 | HDMI 2.0_in*1 (support up to 3840x2160p@30Hz and 4096x2160p@24Hz video input) |
| | | RS232 COM | RS232 output DB9*2 |
| | | USB 3.0 | USB 3.0 A port*2 |
| | | HDMI_OUT_2 | HDMI 2.0 port*1 , support 4K60Hz output (HDMI_OUT_2 & DP ports can't be used simultaneously) |
| | | DP(Display Port) | DP display output interface *1 maximum support 7680x4320@30Hz output *1 (HDMI_OUT_2 & DP ports can't be used simultaneously) |
| | | Ethernet port | Support 10/100/1000M Ethernet*1 |
| M.2 Built-in SSD interface | | M.2 Built-in SSD expansion interface*1 | |
| RS485 | RS485 3PIN pitch 3.81 green terminal block*1 | | |
| Indicator light | Indicator light | Red and blue | |
| Button | Button | Upgrade button*1 | |
| Usage environment | Working Environment | Temperature:-20°C~60°C,5%-85%RH(No condensation) | |
| | Storage environment | Temperature:-20°C~70°C,5%-95%RH(No condensation) | |
| Material | Shell material | Aluminum alloy + metal profile | |
| Size | Product Size | Shell size:244*128*49.5MM | |

Package Size

Single package size

Single box size:286*175*110MM

Product measurement,mm

| Unit (Without packaging) | | | Giftbox (With Packaging) | | | | Carton | | pcs/CTN |
|--------------------------|-----|------|--------------------------|---|---|---|--------|---|---------|
| L | W | H | L | W | H | L | W | H | |
| 244 | 128 | 49,5 | | | | | | | |
| Net(kg) | | | TBA | | | | Net | | TBA |
| | | | | | | | G.W | | TBA |

Structural drawings

