

IBOX-718C

Intel® 12th/13th/14th Generation Core™ i3/i5/i7

Industrial Computer with Multiple Expansion Slots



Features:

- ◇ Intel Q670 chipset;
- ◇ 4× M.2 + 1× Mini PCIe;
- ◇ 1× PCIe X16;
- ◇ 6× COM (4× RS485, 2× RS232);
- ◇ 8× USB 3.1, 4× GbE LAN (vPro supported);
- ◇ 2× HDMI + 2× DP, quad independent UHD outputs (sync/async)
- ◇ 4P DC 12–28V wide input
- ◇ OS:

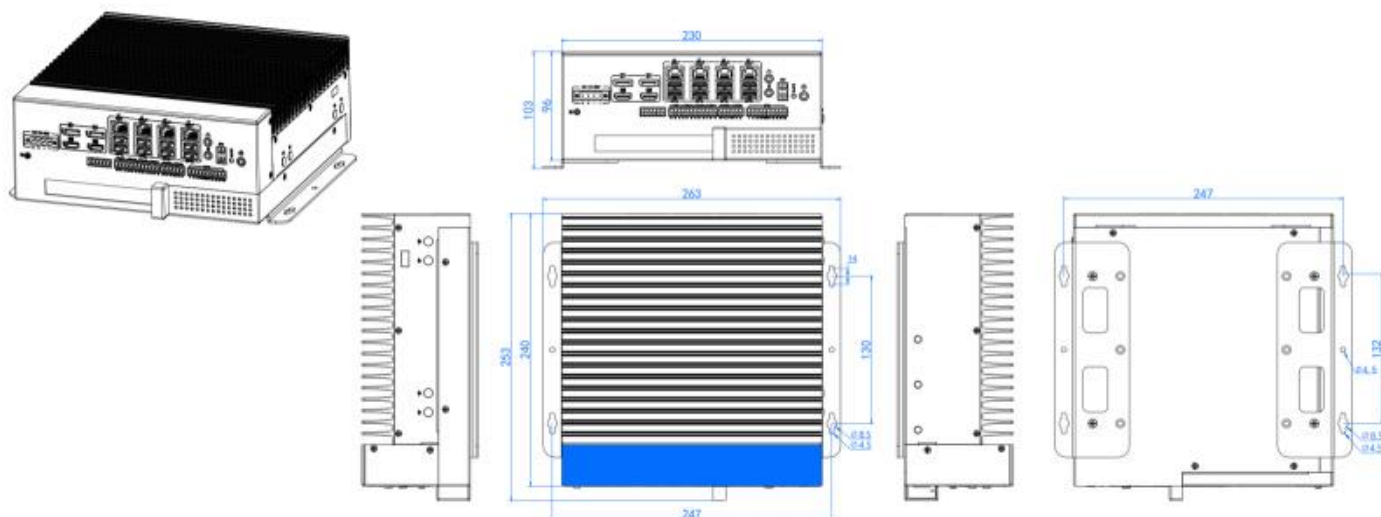


Specification

Model	IBOX-718C Titanium Gray (color customizable)
Case Material	High-quality aluminum alloy + stainless steel structure
Processor	Intel 12th/13th/14th Gen (Alder Lake-S / Raptor Lake-S desktop processors), LGA1700
Chip set	Intel Q670 / W680
Memory	2× DDR5 SODIMM, 4800/5600 MHz, up to 64 GB
Display Chip	Intel HD Graphics 730/770 (integrated)
Display Port	2× HDMI + 2× DP, supports up to 4 independent UHD displays (sync/async)
I/O Port	4× GbE LAN, 8× USB 3.1, 6× COM (COM1–4: RS485, COM5–6: RS232) 2× HDMI, 2× DP, 4-in/4-out GPIO (optocoupled), 4-pos remote switch, CLRTC button 1x 4P+1x 2P power input, power switch, mic/speaker jacks, 1x 6P Phoenix terminal (customizable)
Expansion Port	1 x M.2 3052/3042 B-key (4G/5G optional) + Nano-SIM slot 1 x Mini PCIe (PCIe + USB signals supported) 2× M.2 2280 M-key: 1× PCIe 4.0 X4/SATA, 1× PCIe 4.0 X4 1× M.2 2230 E-key (Wi-Fi/BT, PCIe + USB) Optional (not standard): 8× GPIO, 3× USB 2.0
Expansion Slot	1× PCIe X16 (X16 signal); Max card size: 215×21×112 mm (L×W×H)
Network	3× Intel i210-AT + 1× Intel i219-LM GbE (with vPro & AMT)
Storage	2× M.2 2280 M-key (1× PCIe 4.0 X4/SATA, 1× PCIe 4.0 X4) + 1× 2.5" SATA bays
Input Voltage	DC 12–28V input, 4-pin Phoenix connector, 5.08mm pitch
Other function	Power-on startup, scheduled startup, Wake-on-LAN, PXE, watchdog (0–255)
Work Temp	0°C to +50°C (commercial HDD) , -20°C to +60°C (industrial SSD)
Work Humidity	5%–95% (non-condensing)
Certificates	CE, CCC, FCC Class A, RoHS
Size	230 × 253 × 96 mm [Excluding wall mount bracket]
Weight	5.43 kg [including graphics card and power supply]

Application Industrial Automation, Healthcare, Logistics & Transportation, Warehousing, Machine Vision

IBOX-718C Five-View Drawing



Packing List

Name	Quantity	Specifications
Power Input	1	4P 150W 12V-12.5A
Power Cord	1	Available CN、 US、 UK、 EU. etc.
Wall-mounted rack	2	Standard

Optional Information

Configuration 1		Intel Core i3-12300T / 13100T / 14100T	Standard Port, 1× expansion slot
Configuration 2	IBOX-718C	Intel Core i5-12500T / 13500T / 14500T	Standard Port, 1× expansion slots
Configuration 3		Intel Core i7-12700T / 13700T / 14700T	Standard Port, 1× expansion slots