

IBOX-711

10th/12th Gen Intel Core™ i5 / i7 processor Multi-expansion slot Fanless Industrial PC



- ◇ All-aluminum alloy structure, fanless design;
- ◇ Intel N97, 10th/12th Gen Core i5/i7;
- ◇ Support DDR4 3200MT/S 32G memory;
- ◇ 1 x PCIE X8 slot , 1 x PCI slot ;
- ◇ 2 x MINI PCIE, 1 x 4G module 1 x WIFI ;
- ◇ Support 6 COM (4x RS485), 8-way isolated GPIO
- ◇ DC 12-24V wide voltage input, support positive and negative reverse connection protection;
- ◇ OS:

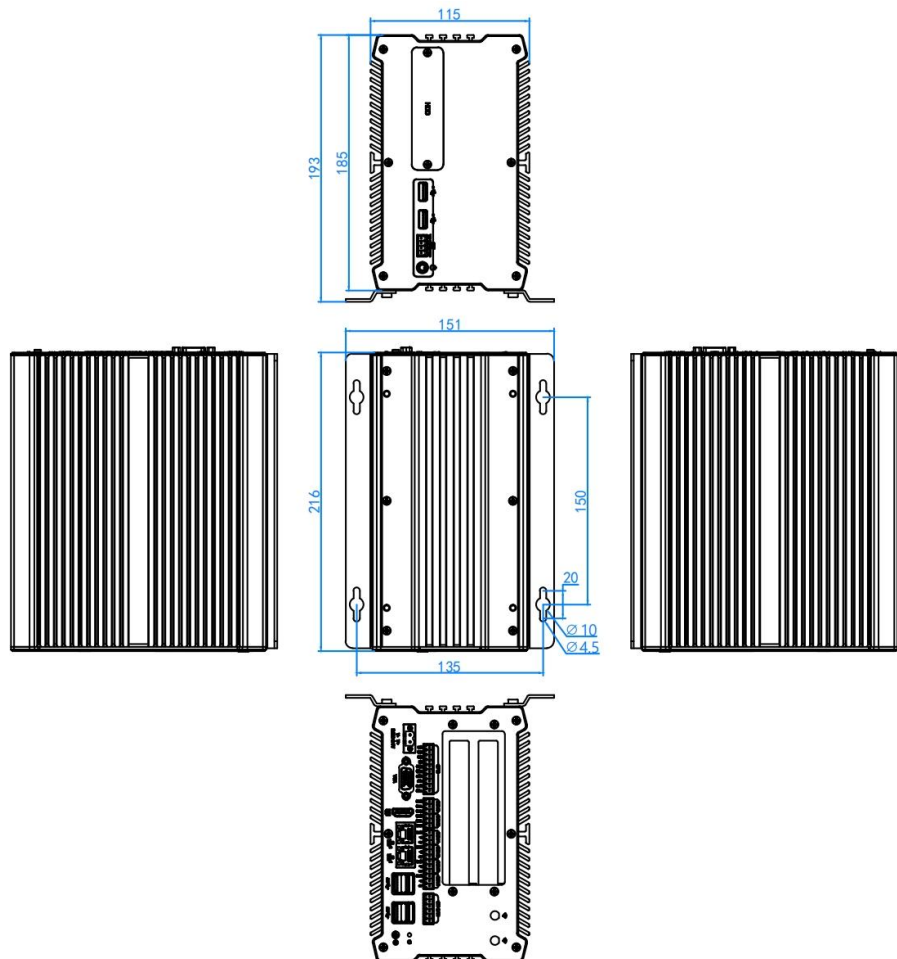


Specifications

Model	IBOX-711
Color	Blue + grey (color available)
Material	High quality all-aluminum alloy, surface hard anodized
Processor	Intel N97 (4 Core 4 threads, 6MB cache, Max Turbo 3.6 GHz)
	Intel i5 1035G1 (4 Core 8 threads, 6MB cache, Max Turbo 3.6 GHz)
	Intel i5 1235U (10 core 12 threads, 12MB cache, Max Turbo 4.4 GHz)
	Intel i7 1255U (10 core 12 threads, 12MB cache, Max Turbo 4.7 GHz)
Memory	1 x DDR4 3200 SODIMM ram slot, Max 32 GB
BIOS	AMI EFI BIOS
Display Chip	Intel® UHD Graphics / Intel Iris Xe Graphics eligible
Displays Port	1x VGA , 1x HDMI
Front I / O	2 x USB2.0, 1 x Power Button, 4P Phoenix Terminal (Remote Switch) 1 x 2.5-inch drawer style hard drive expansion slot
Rear I / O	4 x USB3.0 (N97: 3x USB3.0, 1 x USB 2.0), 2 x Intel Gigabit Ethernet, 1 x VGA , 1 x HDMI
	1 x 2P powered Phoenix terminal, 1* clear COMS button, 6* COM (COM1-4 RS 485 , COM5-6 RS232) 10P Phoenix terminal 4 in 4 out GPIO (with optical coupler isolation, 9-24V wide voltage), 6P Phoenix Terminal (Customizable Pin)
Expansion I / O	1 x M.2 2280 M-key slot (SATA)
	1 x MINI PCIE (3G/4G, Core CPU support PCIE & USB , N97 only USB signal), with SIM card holder
	1 x MINI PCIE slot (support WIFI/BT, Support PCIE & USB) Optional Port (standard shipments not included in): Audio , expandable 4-in-4-out GPIO
Expansion Slot	1 x PCIE X8 slot (N97 1X, 1035G1/1235U/1255U4X)+1 PCI slot (32-bit)
Network	N97: 2 x Intel i210 10 / 100 / 1000M Ethernet; 1035G1/1235U/1255U: 1 Intel i210-AT, 1 i219-V Gigabit Ethernet
Storage	1 x M.2 (SATA) slot, 1 x 2.5-inch HDD or SSD
Input Voltage	DC 12~24V wide voltage input, support positive and negative reverse connection protection
Other Functions	Auto Power on, Timing Boot, Wake On Lan, PXE, Watchdog (0~255 levels)
Work Temp	0°C ~ + 50°C (commercial HDD), -20°C ~ + 60°C (industrial SSD), with surface air flow

Work Humidity	5% ~ 95% non-condensed state
Certificate	CE, CCC, FCC Class A, RoHS
Dimension	216 x 185 x 115 mm [Wall mount not included]
Net Weight	4kg [Wall mount not included]
Application	Industrial Automation, Medical, Logistics And Transportation, Warehousing, Machine Vision etc

IBOX-711 Drawing



Packing List

Name	Quantity	Specification
Power Adapter	1	N97: 12V 5A 1035G1/1235U/1255U: 12V 10A
Power Cord	1	Optional CN、US、UK、EU. etc
Wall mount	2	Standard

Order Information

Configuration 1	Intel N97	Standard Port
Configuration 2	Intel 1035G1	Standard Port
Configuration 3	Intel Core i5 1235U	Standard Port
Configuration 4	Intel Core i7 1255U	Standard Port