MDIPC300I Embedded fanless industrial computer

Features

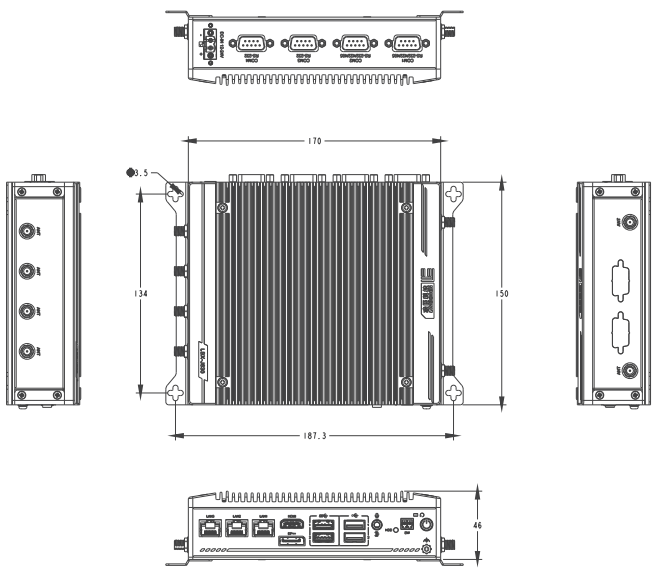


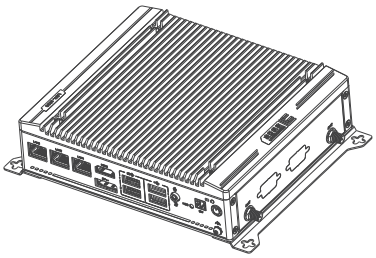
- Support Intel® Celeron J6412, base frequency 2.0GHz(2.6GHz),TDP 10W
- Support single-slot DDR4 SO-DIMM 3200MHz, up to 32GB
- Support DP++, HDMI
- Support 3LAN, 4 COM ports
- Support 1× M.2 3042/3052 port, 1× M.2 2230, 1× M.2 2242/2280
- Support up to 7 USB ports
- Support 12~24V wide voltage input
- Support Win10/Linux OS

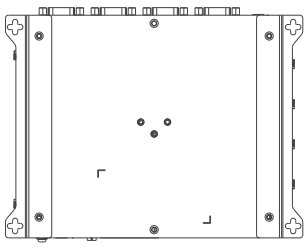
Product specification

System	
Processor	Intel® Celeron J6412, base 2.0GHz(2.6GHz),TDP 10W
Internal memory	1xDDR4 SO-DIMM 3200Mhz up to 32GB
Graph	CPU integrated graphics card
Store	1xM-Key M.2 2242/2280(SATA)slot, 1x2.5 inch HDD(2-layer expansion structure required)
Operating system	Windows 10, Linux
Watchdog timer	Programmable 255 levels timerinterval, from 1~255 sec/min
External interface	
Net interface	2 xIntel® 1210AT (10/100/1000 Mbps) 1 xIntel® 1225/226V 2.5GbE (10/100/1000 Mbps)
Vibration	1xHDMI2.0: Maximum resolution 4096x2160@60HZ, 1xDP++: The maximum resolution is 4096x2160@60HZ
Audio frequency	1xAudio(Line-out & Mic-in 2 in 1)ALC888S,co-lay 897
Serial port	2xRS232/RS422/RS485 2x RS232
USB	2 xusb3. 1 (Type A), 2 xusb2. 0 (Type A)
Reset	1xReset button
Power source	Power input 12~24VDC, 2-pin Phoenix terminal

Internal interface	
Extension interface	1x B-Key M.2 3042/3052(USB3.0) (Support 3G/4G/5G with Nano SIM card) 1 x E-Key M.2 2230 slot (PCIe x1/USB2.0) 1 xM-Key M.2 2242/2280(SATA) ssD slot
USB	1x USB2.0(Type-A),2x UsB2.0 pin header
SATA	1x SATA3.0
TMP	TPM2.0(Optional)
Environment	
Operating temperature	-10°C~60°C
Storage temperature	-40°C~85°C
humidness	Operation hum: 5% to 95%, non-coagulation Storage humidity Storage hum: 5%~95%, non-coagulation
Vibration	SSD: 5~500Hz,2Grms operation HDD: 5~500Hz, 1Grms operation
Mechanical impact	Operation: 10G@llms Non-operation:30G@1lms
Institution	
Dimension	170*150*46 mm(without base support)
Safety certification	CE,FCC







MDIPC300II Embedded fanless industrial computer

Features

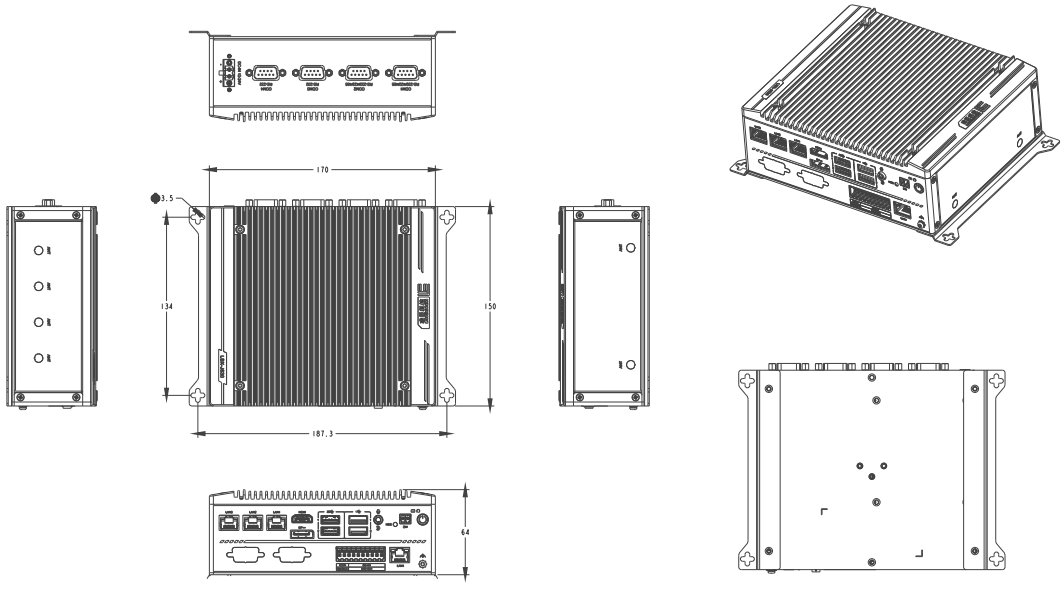


- Support Intel® Celeron J6412, base frequency 2.0GHz(2.6GHz),TDP 10W
- Support single-slot DDR4 SO-DIMM 3200MHz, up to 32GB
- DP++ support, HDMI dual display, optionally extended VGA
- Support 4LAN (one LAN supports POE), 4 COM ports
- Support 1× M.2 3042/3052 port, 1× M.2 2230, 1× M.2 2242/2280
- Support up to 7 USB ports
- Support 12~24V wide voltage input
- Support Win10/Linux OS

Product specification

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Processor	Intel® Celeron J6412, base 2.0GHz(2.6GHz),TDP 10W
Internal memory	1x DDR4 SO-DIMM 3200Mhz up to 32GB
Graph	CPU integrated graphics card
Store	1xM-Key M.2 2242/2280(SATA)slot, 1x2-5 inch HDD
Operating system	Windows 10, Linux
Watchdog timer	Programmable 255 levels timerinterval, from 1~255 sec/min
External interface	
Net interface	2 xIntel® 1210AT (10/100/1000 Mbps) 1 xIntel® 1225/226V 2.5GbE (10/100/1000 Mbps) 1xIntel 1210AT(10/100/1000 Mbps)POE port
Vibration	1xHDMI2.0: Maximum resolution 4096x2160@60HZ, 1xDP++: The maximum resolution is 4096X2160@60HZ Optionally extend the maximum resolution to 1xVGA 1920x1080@60HZ
Audio frequency	1xAudio(Line-out& Mic-in 2 in 1)ALC888S, co-lay 897
Serial port	2x RS232/RS422/RS485 2x RS232
USB	2×usb3. 1 (Type A), 2×usb2. 0 (Type A)
Reset	1xReset button
DIO	16bit DI0(isolation voltage 3750Vrms), D0 channel maximum current 500mA
Power source	Power input 12~24VDC, 2-pin Phoenix terminal

Internal interface	
Extension interface	1x B-Key M.2 3042/3052 (USB3.0) (3G/4G/5G with Nano SIM card) 1 x E-Key M.2 2230 slot (PCIe x1/usB2.0) 1xM-Key M.2 2242/2280(SATA) SsD slot 1xMini-PCIe (PCIex1/USB2.0)PCIe x1 and POE port 2 Select 1
USB	1xUSB2.0(Type-A), 2x USB2.0 pin header
SATA	1x SATA3.0
VGA	1x VGA pin header
TPM	TPM2.0(Optional)
Environment	
Operating temperature	-10°C~60°C
Storage temperature	-40°C~85°C
Humidness	Operation hum: 5% to 95%, non-coagulation .
Vibration	SSD:5~500Hz,2Grms operation
Mechanical impact	Operation: 10G@11ms
Institution	
Dimension	170*150*64 mm(without base support)
Authentication	
Safety certification	CE,FCC





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