MDIPC200I High performance compact embedded BOX

Features

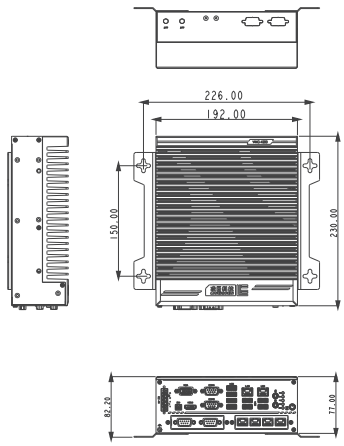


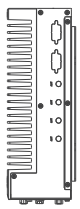
- Support Intel® 12th/13th Generation CoreTM i3/i5/i7/i9, Pentium®, Celeron® cpu
- Support R680E/Q670 chipset
- 2xDDR5 SO-DIMM 4800Mhz, up to 64GB
- Support DP++, HDMI,VGA
- Support 2LAN (optional 6LAN), 6 COM ports, 11USB ports
- Support 1× M.2 2230, 1 ×M.2 2242/2280, 1 x Mini-PCIe, and one M.2 3042/3052 port
- Support PCIe/PCI expansion in 2 /4 slots
- Support 19~24V wide voltage input, optional 9~36V wide voltage input
- Support Win10/Linux OS

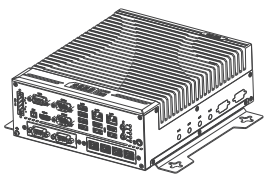
Product specification

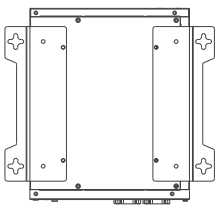
System	
processor	Intel® 12th/13th Generation CoreTM i3/i5/i7/i9, Pentium®, Celeron® CPU
Internal memory	2 x DDR5 SODIMM 4800 MHz ,Maximum support 64GB
graph	CPU Integrated graphics card
store	1 x M-Key M.2 2242/2280（PCIex4/SATA）slot，2 x 2.5" SATA 3.0 HDD/SSD
Operating system	Windows 10, Linux
Watchdog timer	Programmable 255 levels timer interval, from 1~255 sec/min
External interface	
Net interface	1 x RJ45 Intel® PCI-E LAN for 10/100/1000 Mbps I219-V 1 x RJ45 Intel® PCI-E LAN for 10/100/1000/2500 Mbps I225-V 4 x RJ45 Intel® PCI-E LAN for 10/100/1000 Mbps I210AT(POE)
Vibration	1xHDMI：Maximum resolution 4096x2160@ 60Hz 1xVGA：Maximum resolution 1920 x 1200 1xDP++(pin header)
Audio frequency	1 x Audio(Line-out & Mic-in) ALC888S，co-lay 897
Serial port	2 x RS232/422/485
USB	8 x USB3.2 (Gen1)
Pilot lamp	1 x HDD LED 2 x COM1 LED for Rx1 and Tx1 2 x COM2 LED for Rx1 and Tx1 1 x Switch key
Reset	1x Resetkey
Remote switch	1 x Remote ON-OFF
Power source	1 x DC IN 4pinPhoenix terminal， 19~24V

Internal Interface	
Extension interface	1 x E-Key M.2 2230 slot (PCIe x1/USB2.0)， 1x Mini-PCIe slot(PCIe x1/USB2.0/SATA) 1 x B-Key M.2 3042/3052（USB3.0,Support 4G/5G modules)
USB	1x USB2.0(Type-A)， 2 x USB2.0 (Gen1) (1 pin header to 2port)
Serial port	4x RS232 pin header
SATA	2x SATA3.0
TPM	TPM2.0（selectable）
Environment	
Operating temperature	-10'C~60'C 0.7m/s air flow (65WCPU with industrial SSD) 0'C~30'°C 0.7m /s Air flow (mechanical hard disk HDD)
Storage temperature	-40°C ~ 85°C
Temperature	Operation hum:5% to 95%, non-coagulation Storage humidity Storagehum:5%~95%, non-coagulation
Random vibration	SSD: 5~500Hz, 2Grms operation HDD: 5~500Hz, 1Grms operation
Sinusoidal vibration	5~500Hz, 2G Non-Operation
Mechanical impact	Operation: 10G@11ms Non-operation: 30G@11ms
Institution	
Dimension	Base model :230*192*77mm Two-slot expansion :230*192*125 mm Four-slot expansion :230*192*165.6mm
Authentication	
Authenticatio	CE/FCC









MDIPC200II High performance compact embedded BOX

Features

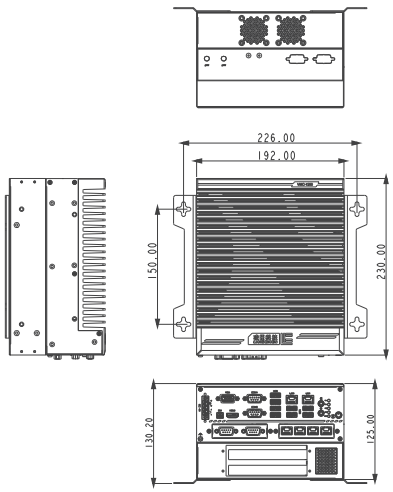


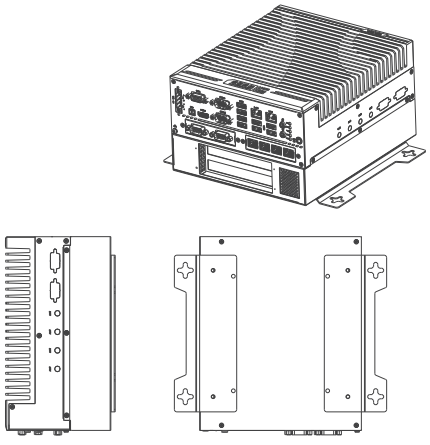
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Authentication	
Authentication	CE/FCC





Industrial Computer

Industrial computer model and requirements		Specification and model
VMC industrial computer	MDIPC-1200H	CPU:i5-12400/Memory:16G/Storage:512G SSD/USB:8 /Network ports:2 /HDMI: 1
	MDIPC-1200H4P(with fan)	CPU: i7-12700/Memory: 16GB Memory/Storage: 512GB SSD/USB: 8/Network ports: 2+4POE/HMDI: 1
	MDIPC-1200H2K	CPU: i5-12400/Memory: 16GB Memory/Storage: 512GB SSD/USB: 8/Network ports: 2/HDMI: 1
	MDIPC-1200H2K4P(with fan)	CPU: i7-12700/Memory: 32GB Memory/Storage: 1TB SSD/USB: 8/Network ports: 2+4POE/HDMI: 1
	MDIPC-800 (No extend)	CPU:i5-6500/Memory:8G/Storage:256G/USB:8 /Network ports:2 /HDMI: 1
	MDIPC-800 (No extend)	CPU:i7-7700/Memory:16G/Storage:512G/USB:8 /Network ports:2 /HDMI: 1
	MDIPC-800 (No extend)	CPU:i7-9700K/Memory:32G/Storage:1TB SSD/USB:8 /Network ports:2 /HDMI: 1
	MDIPC-800 (double expands)	CPU:i5-6500/Memory:8G/Storage:256G SSD/USB:8 /Network ports:2 /HDMI: 1
	MDIPC-800 (double expands)	CPU:i7-7700/Memory:16G/Storage:512G SSD/USB:8 /Network ports:2 /HDMI: 1
	MDIPC-800 (double expands)	CPU:i7-9700K/Memory:32G/Storage:1TB SSD/USB:8 /Network ports:2 /HDMI: 1



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