MDIPC100 Embedded industrial computer

Features

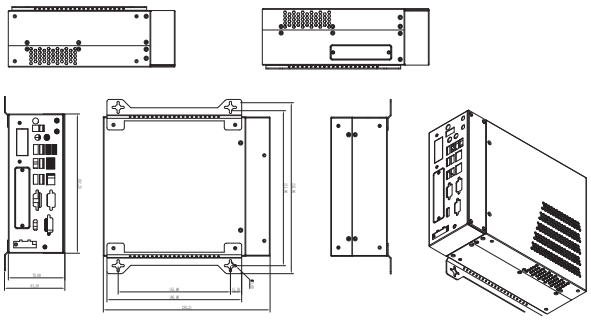


- Support 6th 7th 8th 9th Intel core i3/i5/i7/i9 series processors +Intel Z170 chipset
- The DIMM supports DDR4SO-DIMMs, up to 32GB
- 2 x Intel network ports (4 or 6 ports optional)
- 9-36V wide voltage DC power input
- Rich I/O interfaces include 4xUSB3.0, 4xUSB2.0 and 2xCOM(4xCOM optional)
- Flexible storage option 1xM.2,1xSATA
- Support external remote switch

Product specification

Name	specification
chipset	Intel Z170
Internal memory	Technology: Dual Channel DDR4@1.2V1886/2666MHZ Max support :32GB Slot: 2 x.260pin SO-DIMM
graph	Chipset: Intel Z170 CRT: VGA HDMI: HDMI1.4,1920x 1200@60 Hz
Ethernet	LAN1:10/100/1000 Mbps Intel i211 Ethernet card LAN2: 10/100/1000 Mbps Intel i211 Ethernet card
Audio frequency	Interface :Realtek ALC662 High fidelity audio source input microphone input
I/O interface	Serial interface :2xRS-232 port (COM1-COM2), Available as RS422,RS485,COM3-COM4 Optional USB: 4 x USB 3.0 port 4 x USB2.0 DIO: 16 bit optical isolation GPIO(8 IN,8 out) Optional
extend	-
store	HDD: Single 2.5-inch hard drive bracket SSD: 1xM.2(M.2 with PCIE signal support)
Software support	Microsoft: Windows 7, windows 8, Windows 10 Linux: Ubuntu 12.04
Power demand	Voltage input: 9-36V wide voltage Power adapter: AC to Dc,DC9-36V,180W or more
machine	Structure: Aluminum + plate gold shell Size: 230×192×78mm
environment	Operating temperature: -20-55C° Storage temperature: -40-85" C°

Chassis dimensions diagram:





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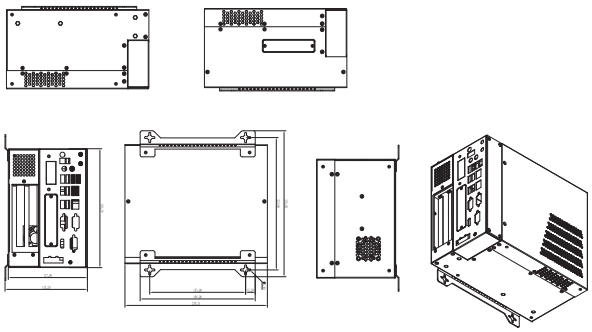


Double extension series

Product specification

Name	specification
chipset	Intel Z170
Internal memory	Technology: Dual Channel DDR4@1.2V1886/2666MHZ
	Max support :32GB
	Slot: 2 x.260pin SO-DIMM
graph	Chipset: Intel Z170
	CRT: VGA
	HDMI: HDMI1.4,1920x 1200@60 Hz
Ethernet	LAN1:10/100/1000 Mbps Intel i211 Ethernet card
	LAN2: 10/100/1000 Mbps Intel i211 Ethernet card
Audio frequency	Interface :Realtek ALC662 High fidelity audio source input microphone input
I/O interface	Serial interface :2xRS-232 port (COM1-COM2), COM1,COM2
	Available as RS422,RS485,COM3-COM4 Optional
	USB: 4 x USB 3.0 port 4 x USB2.0
	DIO: 16 bit optical isolation GPIO(8 IN,8 out) Optional
extend	Expansion card slot: 2 expansion slots 1PCI+1PCIex16 or 1PCIEX1+1PCIEx16
	HDD: Single 2.5-inch hard drive bracket
store	SSD: 1xM.2(M.2 with PCIE signal support)
	Microsoft: Windows 7, windows 8, Windows 10
Software support	Linux: Ubuntu 12.04
	Voltage input: 9-36V wide voltage
Power demand	Power adapter: AC to Dc,DC9-36V,180W or more
	Structure: Aluminum + plate gold shell
machine	Size: 230×192×78mm
	Operating temperature: -20-55C°
environment	Storage temperature: -40-85" C°
	Working humidity: 95%

Chassis dimensions diagram:



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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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