

TB-5545-PCIE

Fanless PC with PCIe



Key Highlights

- Intel 7th Gen. Kaby Lake Core i3/i5/i7 CPU
- 2x SO-DIMM, up to 32GB DDR4 Memory
- Three Independent Video Outputs
- 2x PCIe1x or 1x PCIe4 Expansion Slots
- Easy-Access Storage Bay
- Wide Range Power Input (DC 9~36V)

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The TB-5545-PCIE is packed with features ideal for distributed industrial control systems such as discrete processing and SCADA systems. This box PC can be configured with two PCIe1x slots or one PCIe4 slot and it has three independent video outputs that can connect the PC to multiple monitors. The TB-5545-PCIE also features four COM ports, four LAN ports, and four USB 3.0 type A ports. The 7th Gen Core i3/i5/i7 processor gives this box PC strong computing power, while the rugged steel housing with aluminum heatsink gives it the industrial strength it needs to withstand tough industrial environments.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 7th Generation Kaby Lake
Processor Speed	Up to 2.9 GHz Base
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	2x 2.5" SATA Drive Bay for SSD/HDD (easily accessible)
Storage Support	32GB-2TB, Accessible Bays Support RAID 0/1

Expansion Slots

Other	2x PCIe (x1) Slots, or 1x PCIe (x4) Slot
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Thermal & Environmental

Operating Temperature	-20°C - 60°C - -20°C - 50°C (-4°F - 140°F (i3/i5 CPU), -4°F - 122°F (i7 CPU))
Storage Temperature	-40°C - 85°C (-40°F - 185°F)
Cooling Solution	Passive - Fanless with Heatsink
Humidity Range	10% - 90% Non-condensing

Weight / Dimensions

Weight	5.5 kg (12.1 lbs)
Dimensions	280 x 230 x 134.6 mm (11.0 x 9.1 x 5.3 in)

Specifications subject to change.

External I/O Ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	4x COM
Serial Protocol Detail	2x RS-232/422/485 DB-9, default RS232(COM1/2), 2x RS232 DB-9(COM3/4)
Ethernet / LAN	4x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x DVI-I, 1x HDMI
Other Ports	1x GPIO 8-bit digital I/O (4x DI, 4x DO)
Audio Ports	1x Audio Line-Out
Power Input Port	Locking Type

Enclosure

Material	Aluminum, Steel
Color	Black
Control Buttons	Power Button
Mounting Options	Wall Mount

Certification

Certifications	CE, FCC Class A
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Warranty

Warranty	1 Year
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I/O Diagram Images



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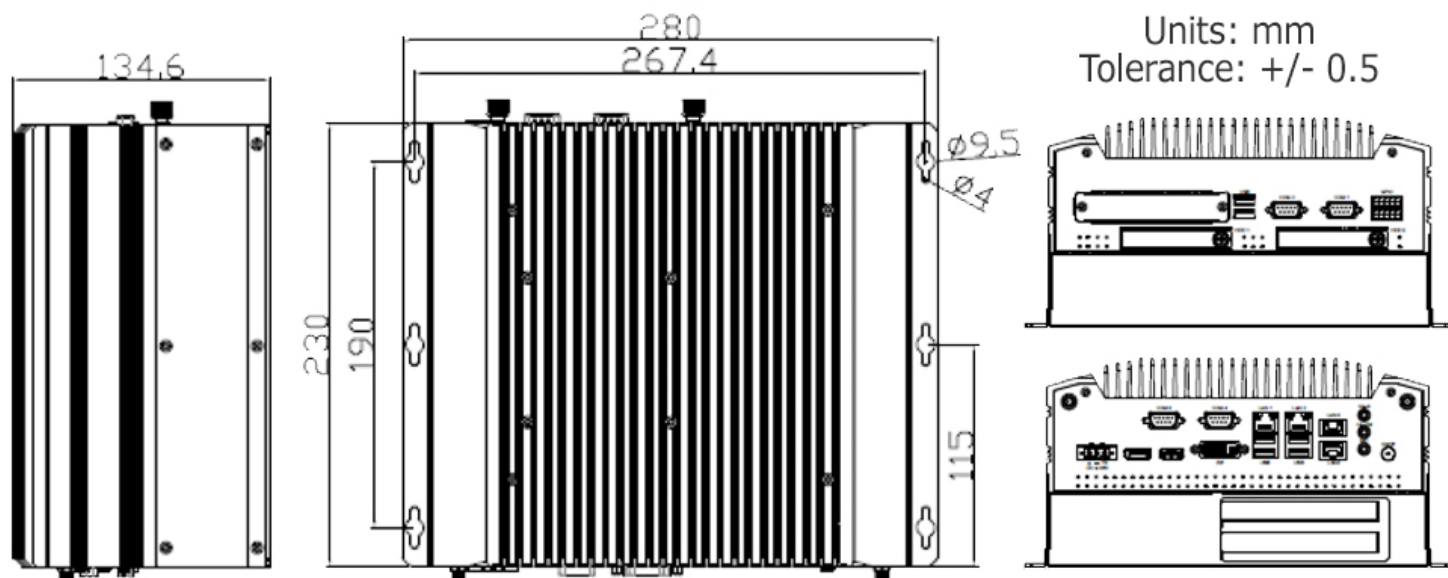
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Tech Diagram Images



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