TEGUAR

TB-5045-PCIE

Fanless PC



Key Highlights

- Intel 6th Gen. Skylake Core i3/i5/i7 CPU
- 2x SO-DIMM, up to 32GB DDR4 Memory
- 3x Video Outputs, 4x GbE LAN Ports
- 2x PCIex1 or 1x PCIex4 Expansion Slots
- Easy Accessible Storage with RAID (0/1) Support
- Wide Range Power Input (DC 9~36V)

VIEW ONLINE

The TB-5045-PCIe is an ideal fanless PC for distributed industrial control systems such as discrete processing and SCADA systems. It can be configured with two PCIex1 slots or one PCIex4 slot for robust connectivity with I/O cards. The TB-5045-PCIe also features four COM ports, four LAN ports, and four USB 3.0 type A ports. Rugged steel housing with aluminum heatsink design completes the industrial design for this embedded PC. **This product is now considered "Previous Generation" meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of currently available Box PCs.**

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 6th Generation Skylake
Processor Speed	2.7 GHz
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

Operating Systems

Windows	Windows 10 IoT, Windows 8.1 Pro

Expansion Slots

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

Enclosure

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

Certification

Certifications	CE, FCC Class A

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-In, 1x Audio Line-Out, 1x Mic-In
Power Input Port	Locking Type

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
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)

Warranty

Warranty	1 Year

Specifications subject to change.

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I/O Diagram Images



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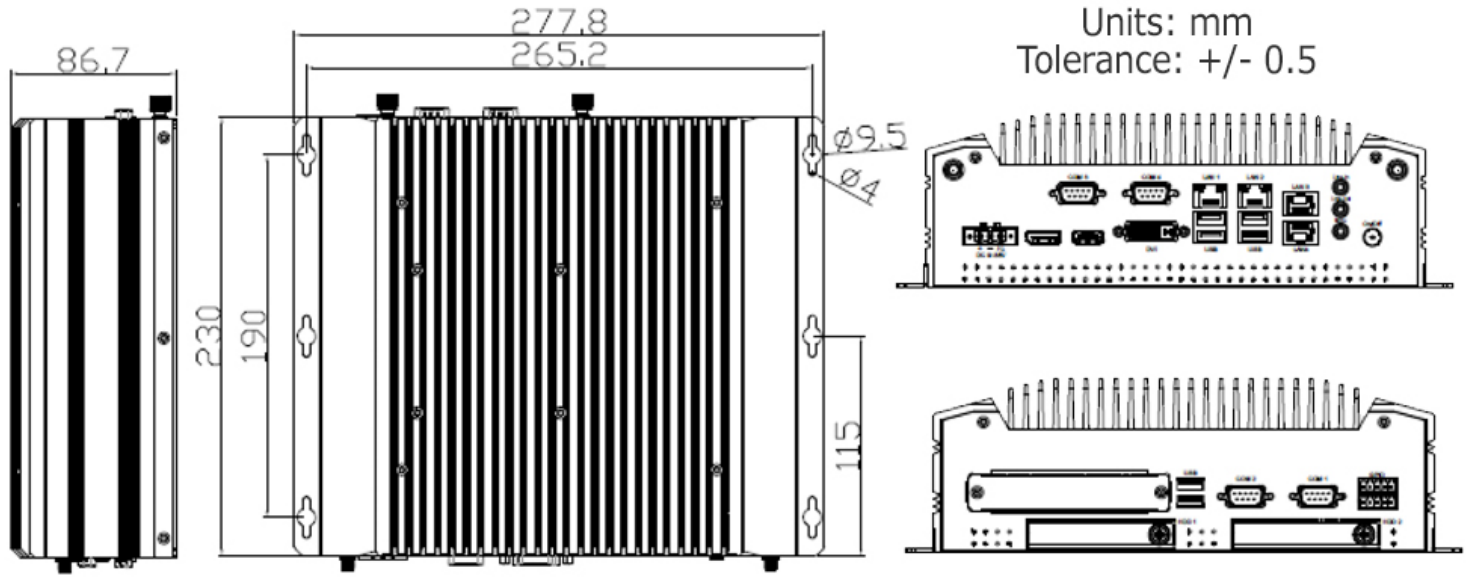
Tech Diagram Images



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