TEGUAR

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 PCIex1 or 1x PCIex4 Expansion Slots
- Easy-Access Storage Bay
- Wide Range Power Input (DC 9~36V)

VIEW ONLINE

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 PCIex1 slots or one PCIex4 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.

USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

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

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)

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

Warranty

Warranty	1 Year

Specifications subject to change.

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I/O Diagram Images

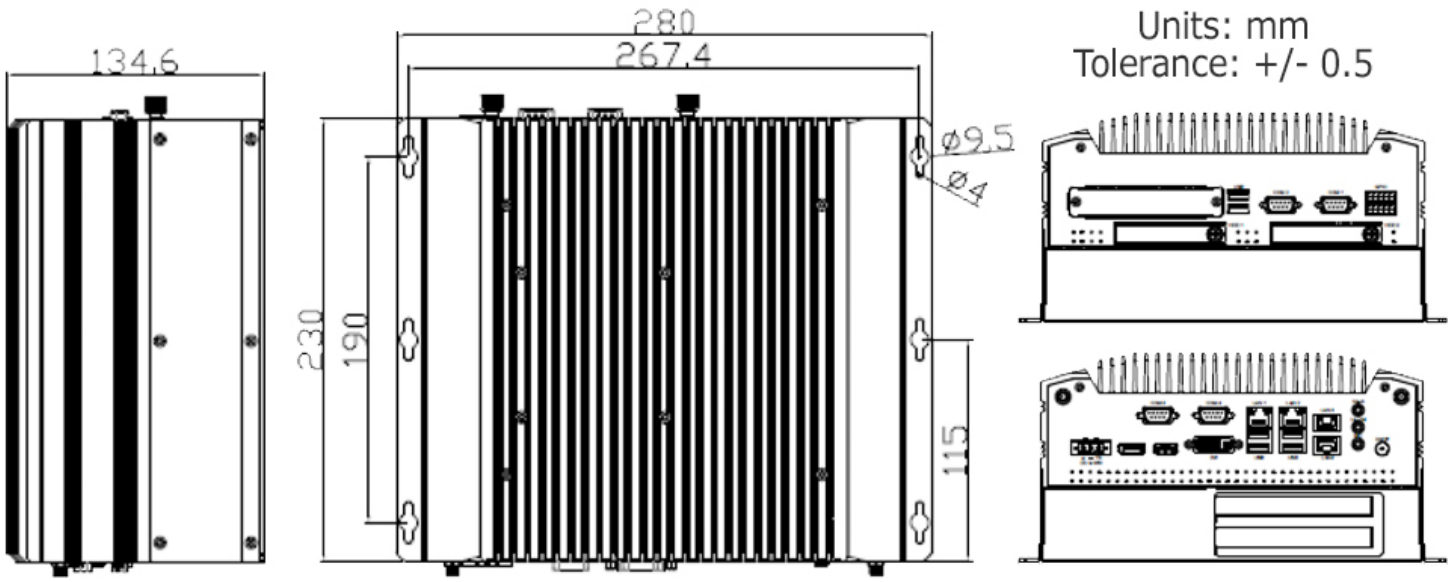


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Tech Diagram Images



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