TEGUAR

TB-5545

Fanless Computer TB-5545



Key Highlights

- Intel 7th Gen. Kaby Lake Core i3/i5/i7 CPU
- Optional DIN Rail Mount
- Easy-Access Storage Bay
- 2x SO-DIMM, up to 32GB DDR4 Memory
- Three Independent Video Outputs
- 4x GbE LAN Ports

VIEW ONLINE

The TB-5545 fanless industrial computer has a non-standard motherboard and innovative design. This PC was developed to accommodate abundant peripheral interfaces and its Intel Core i3/i5/i7 CPU supports two DDR4 SO-DIMM slots with up to 32GB RAM. The DIN rail mount option allows for easy integration into your factory line and for easy instillation. At just 277 mm wide (about 10-inches), this embedded PC delivers maximum impact in a small form factor. The TB-5545 can be used as an industrial control system or connected to multiple monitors that support 4K resolution. *Read the Product Review from RuggedPCReview >*

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	Base 3.40 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

Power

Input Voltage Range	9-36V DC
Max Power Consumption	61W

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
Storage Humidity	10% – 90% Non-condensing

Weight / Dimensions

Weight	4.5 kg (9.9 lbs)
Dimensions	277.8 x 230 x 86.7 mm (10.9 x 9.1 x 3.4 in)

Warranty

Warranty	1 Year

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 DB9 RS232/422/485, default RS232 (COM1/2), 2x DB9 RS232 (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

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro
Linux	Linux (Contact your sales rep for more information)

Enclosure

Material	Aluminum, Steel
Color	Black
Led Indicator Light	Power
Control Buttons	Power Button
Mounting Options	DIN Rail Mount, Wall Mount

Certification

Certifications	CE, FCC Class A

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I/O Diagram Images

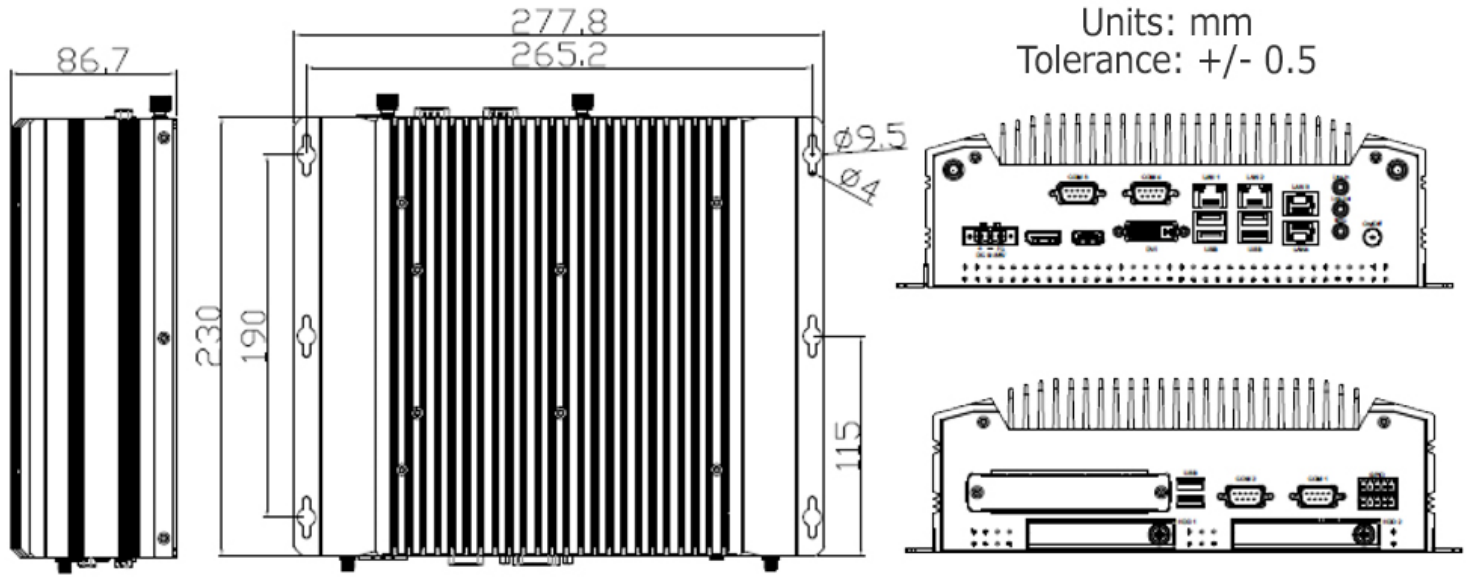


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Tech Diagram Images



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