TEGUAR

Features

- Intel 7th Gen. Core i3/i5/i7 CPU
- Up to 4x Expansion Slots
- 2x 260-pin DDR4 SO-DIMM Memory
- Wide Range Power Input (DC 9~36V)
- DIN Rail or Wall Mount Options
- Wide Operating Temperature (-20~60°C)

Technical Specifications

Primary Components

Processor Family	Intel Core I series 7th Generation Kaby Lake
Processor Model	Core i3-7101TE;Core i5-7500T;Core i7-7700T
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

External I/O Ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	4x COM
Serial Protocol Detail	1x RS-232/422/485, 2x RS-232, 1x RS-422/485
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Other Ports	1x GPIO 8-bit digital I/O (4x DI, 4x DO)
Audio Ports	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Power

Input Voltage Range	9-36V DC
Max Power Consumption	88W
Standard Power Adapter	Optional AC/DC Adapter

Operating Systems

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

Compatibility

Security Hardware	TPM 2.0

Expansion Slots

Video Card Support	PCIe x16 slot can support graphics cards up to 180MM long and 130 mm wide, max power draw 75W through PCIe connector
Other	2 or 4 Expansion Slots with PCIe x16 and PCIe x4 support

Multimedia

Microphone	Built-in Microphone

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

Enclosure

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

Peripherals & Wireless Connectivity

Bluetooth	Optional Bluetooth 4.2
Mobile Network 4G LTE	Optional

Weight / Dimensions

Weight	3.1 kg (6.8 lbs)
Dimensions	222 x 190 x 67 mm (8.7 x 7.5 x 2.6 in)

Certification

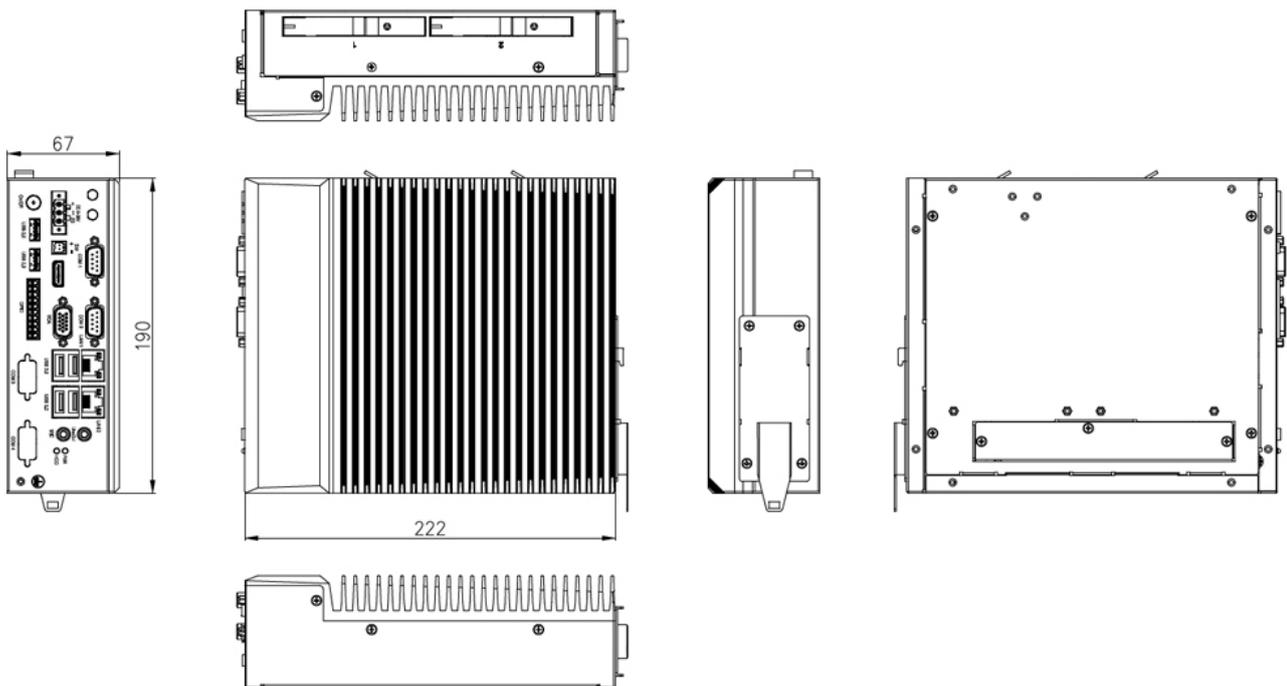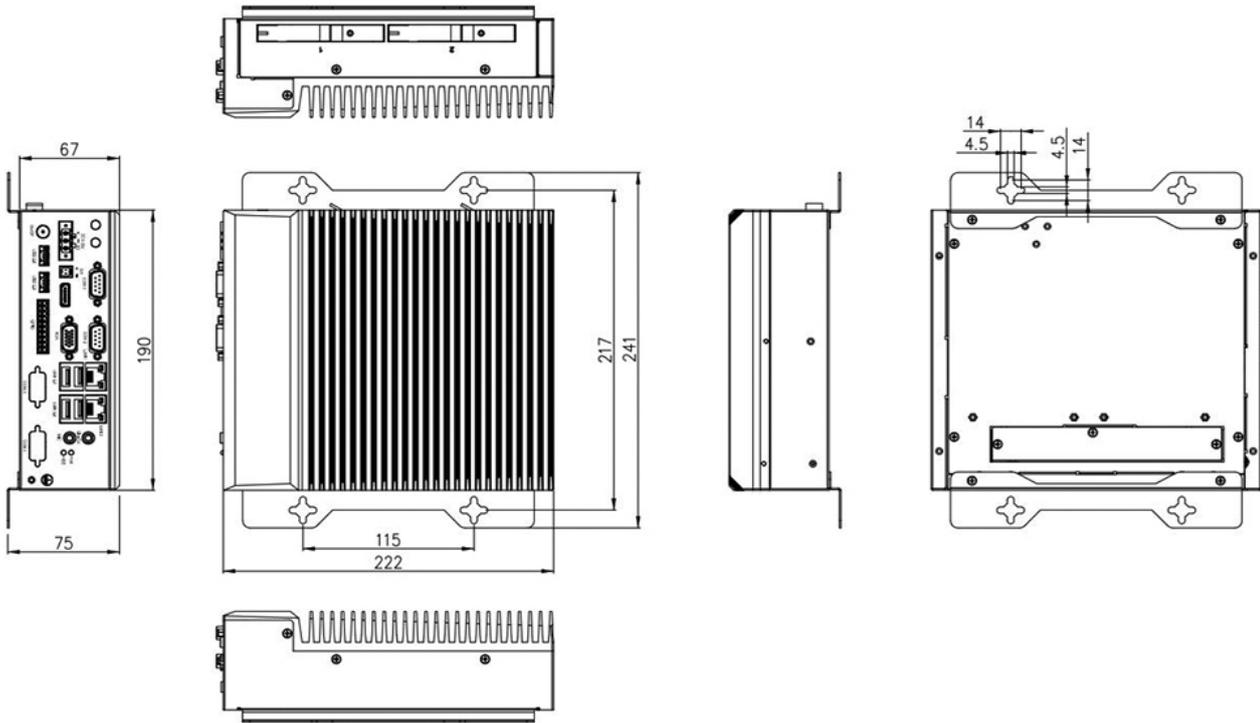|	
Certifications	CE, FCC Class A

Warranty

Warranty	Up to 5 Years

I/O Diagram Images

Tech Diagram Images

All specifications are subject to change without notice.