

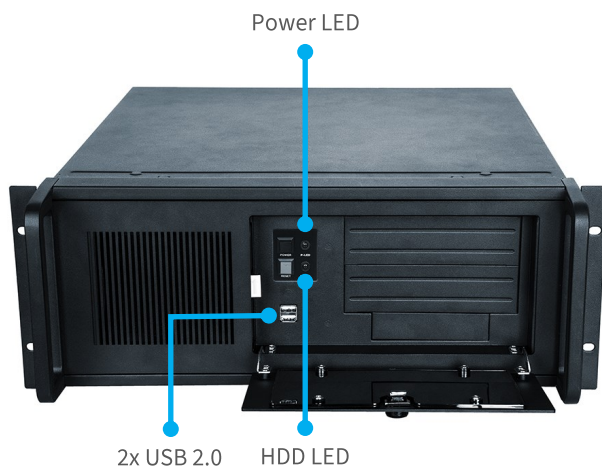
4U 19" TIGER Gen12 Series

Industrial 4U 19-inch servers with Q670EA-IM-A mainboard

Features

CUSTOMIZABLE

- › 4U 19-inch industrial PC system
- › Intel® Core™ 12th Gen. i9 / i7 / i5 / i3 processors (also supports 13th Gen.) up to 125W TDP
- › Up to 128GB DDR5 4800MHz memory
- › Expandable via PCIe Gen5, Gen4 and Gen3 slots
- › Dimensions (W x D x H):
430.2 x 457.2 x 175.7mm (w/o handle)
482.6 x 507.3 x 177mm (with handle)



4U 19" chassis w/ 1.2mm SGCC & SPCC steel sheet



Intel® Core™ 12th / 13th Gen. i9 / i7 / i5 / i3 CPUs



Up to 7 PCIe / PCI expansion slots

Maximum performance for 24/7 operation

The 4U 19" TIGER Gen12 series consists of powerful and reliable 19-inch servers specifically designed for use in industrial environments. The devices feature the industrial Q670EA-IM-A motherboard, which provides a modern platform for demanding applications.

The industrial PCs are equipped with Intel® Core™ 12th / 13th Gen. processors, which, together with up to 128GB DDR5 memory, offer an impressive computing performance. The 19-inch enclosures are made of sturdy steel sheet and are equipped with various expansion slots and ports, including Gigabit Ethernet, USB 3.2, VGA, HDMI, and DisplayPorts. Additionally, the server has room for up to three 3.5-inch hard drives, as well as a variety of PCIe / PCI slots.

The 4U 19" TIGER Gen12 series is designed for 24/7 operation and is ideal for use in demanding applications such as machine control systems, monitoring systems, data acquisition and processing, and other industrial applications for server racks.



(Reference image only - the actual product may vary)

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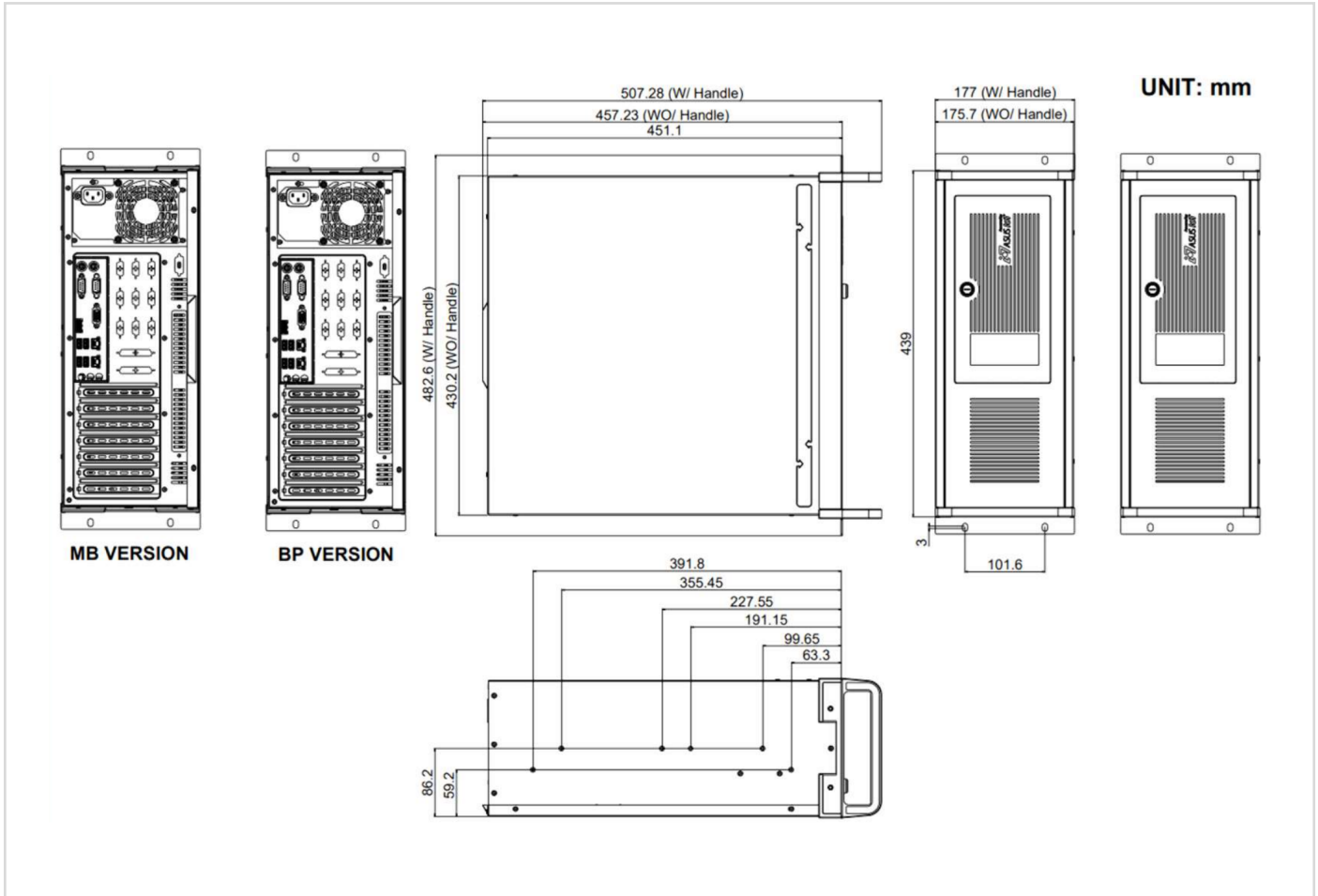
	Entry Line	Basic Line	Pro Line	Ultra Line
SYSTEM				
CPU	Intel® Core™ i3-12100	Intel® Core™ i5-13500 or Intel® Core™ i5-12500	Intel® Core™ i7-13700 or Intel® Core™ i7-12700	Intel® Core™ i9-13900 or Intel® Core™ i9-12900
Chipset	Intel® Q670E chipset			
Motherboard	ASUS Q670EA-IM-A			
Operating Systems	Windows®: 11 / 10 (64-Bit) / 10 IoT Enterprise, Linux: Ubuntu / RedhHat Enterprise / Fedora Workstation / OpenSUSE			
Memory	8GB DDR5 4800MHz max. 128GB	16GB DDR5 4800MHz max. 128GB	32GB DDR5 4800MHz max. 128GB	64GB DDR5 4800MHz max. 128GB
Storage	6x SATA Gen 3.0, up to 6GB/s, supports RAID 0,1,5,10 2x 3.5" HDD + 1x 3.5" Slim HDD (19mm) trays			
INTERFACE				
Ethernet	2x 10/100/1000/2500 Mbps RJ-45 ports (Intel® i210AT) 1x 10/100/1000/2500 Mbps RJ-45 port (Intel® i225LM, with Intel® vPro support)			
Serial Ports	4x RS-232 (internal) 1x RS-232/422/485 (internal) 1x RS-232/422/485 (rear I/O)			
USB	6x USB 3.2 Gen2 ports (5x Type A, 1x Type C) 2x USB 2.0 ports (front)			
Video	1x HDMI 1x VGA 2x DisplayPorts			
Audio	1x Line-out, 1x Line-in, 1x Mic-in			
EXPANSIONS				
PCIe / PCI	1x PCIe 5.0 x16 slot (1x x16 mode / 2x x8 mode) 2x PCIe 4.0 x4 slot (x4 mode) 1x PCIe 5.0 x8 slot (x8 mode) 1x PCIe 3.0 x4 slot (x4 mode) 2x PCI slot			
M.2	1x M.2 M-Key, Type 2242 / 2260 / 2280 (PCIe x4 / SATA mode) supports NVMe			
MECHANICAL				
Power	500W or 850W ATX power supply			
Cooling	1x 12025 fan			
LEDs	Power LED, Reset LED			
Temperature Range	Operating temperature: 0° ~ 40°C (Storage temperature: -15° ~ 60°)			
Humidity	10 ~ 95% @ 40°C, non-condensing			
Enclosure	1.2mm SGCC & SPCC steel sheet 430.2 x 457.2 x 175.7mm (w/o handle), 482.6 x 507.3 x 177mm (with handle)			
Certifications	CE			

*All TIGER Gen12 series systems can be customized to meet your demands, if necessary.

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Technical drawing (enclosure)



Rear I/O

