

## Features

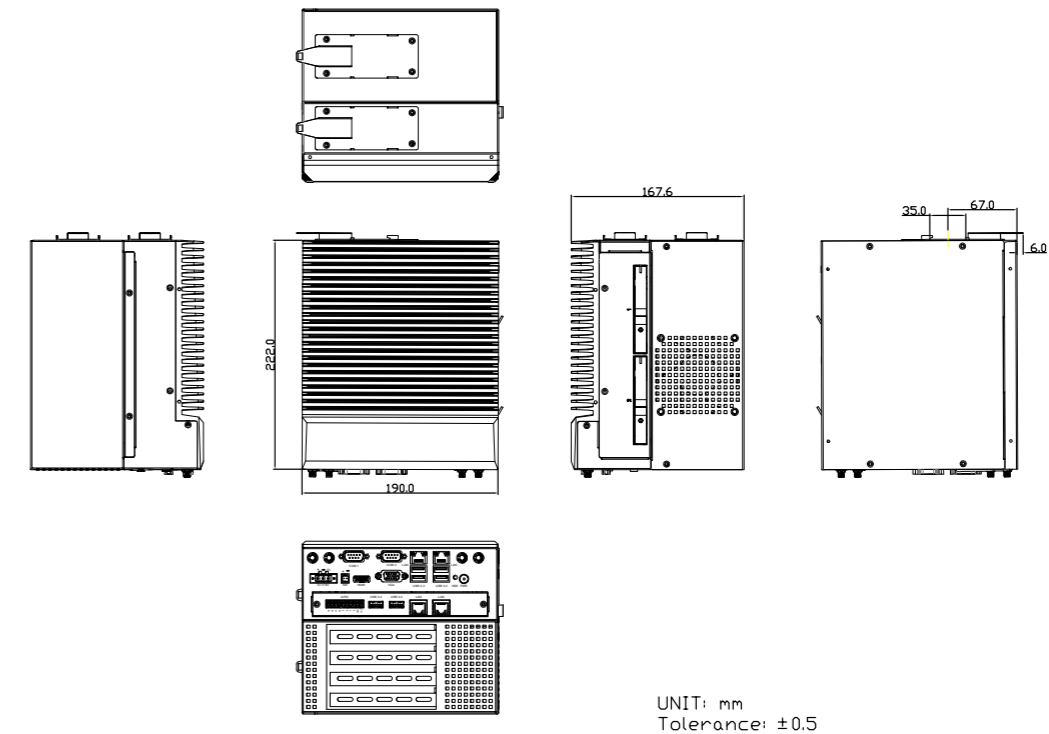
- Vertical System for Machine Vision
- 9th Gen. Intel Core i7/i5/i3 Processors
- Support with DDR4 (2666MHz) SO-DIMM up to 64GB
- Removable Drive-bays
- Support extensive GPU Card(75W) expansion
- CPU(35W) Fan-less Design and GPU Card Expansion with Smart Fan support
- Flexible expansion features through I/O module design

## Specifications

System	
CPU	9th Gen. Intel Core i7/i5/i3 Processor
System Chipset	Q370
Memory	2 x 260-pin DDR4 SO-DIMM memory, up to 64GB
IO Port	
USB	4 x USB 3.2 Gen1 type A
Serial/Parallel	1 x RS-232/422/485 DB-9 (COM1, default RS-232) 1 x RS-232 DB-9 (COM2)
Graph	1 x VGA 1 x HDMI
LAN	2 x GbE LAN RJ-45
Power	1 x 3-pin DC power input terminal block 1 x 2-pin power switch 1 x Power button with light
Storage Space	
HDD	2 x 2.5" SATA3 HDD/SSD, Easy-swappable HDD tray
Expansion	
On Board Expansion Bus	1 x Full size Mini-PCIe slot 1 x M.2 key M or B, 2280/2242:SMbus, SATA 6 Gb/s and PCIe x4 supporting NVMe
HS (High Speed) expansion I/O	2 x GbE LAN RJ-45 (via TB-619) 2 x USB 3.2 Gen1 type A (via TB-619) 8 x GPIO terminal block 1*10 pin with isolation (via TB-619)
Riser	1 x PCIe-16 (via TB-620) 2 x PCIe-4 (via TB-620)
Power	
Power Input	DC 9~36V
Power Consumption	Max: 150W
Mechanical	
Construction	Plating Titanium Gray Aluminum Heatsink and Black Steel Chassis
Mounting	Wall Mount (default) & Din Rail (option)
Dimensions	222 x 190 x 168 mm (without wall mount)
Net Weight	4.5Kg
Environmental	
Operating Temperature	-20°C~60°C (for i3/i5 model) / -20°C~50°C (for i7 model)
Storage Temperature	-40°C~85°C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Vibration	1G / 5 ~ 500Hz (Random) / operation
Shock	15G peak acceleration(11 msec. duration) / operation
Drop	92cm(1 Corner, 3 Edge, 6 Surface)
Certificate	Meet CE/FCC Class A
Operating System Support	
	Win 11 IoT, Win 10 IoT, Linux Kernel 4.15 (Ubuntu 16.04.4)

## Dimensions

### Din Rail



### Wall Mount

