

# Fanless Rugged System

Intel® Q370 Fanless Rugged Computer with Intel® Coffee Lake-R Core™ i9/i7/i5 Processor, 12V DC-IN, Extreme Temp. -40 to +70°C



## Fanless Rugged Computer

- 9th & 8th Gen Intel Coffee Lake, Core i9/i7/i5
- 2 x DDR4 SO-DIMM up to 64 GB
- Supports 2 x 2.5" SATA HDD/SSD
- 4 x USB 3.1
- Dual Intel® GbE LAN ports
- 2 x DP, 1 x HDMI
- 12V DC ( Optional 9V~ 36V )
- Extreme Temp. -40~+70 Degree

# Specifications

## System

CPU	9th & 8th Gen Intel Coffee Lake LGA1151 Socket Processor Core i9-9900T (8core/35W) Core i7-9700TE (8core/35W) Core i5-9500TE (6core/35W)
Chipset	Intel® Q370
Ethernet Chipset	Intel® I219-LM Giga LAN + Intel® I210-AT Giga LAN
Memory	DDR4 2666MHz / 2 x 260-pin SO-DIMM / Max 64GB (Non-ECC)
Expansion Slot	1 x M.2 2260 / 2280 M key (PCIe, SATA) 1 x M.2 2230 E Key (PCIe, USB)
Storage Device	2 x 2.5" SATA HDD/SSD

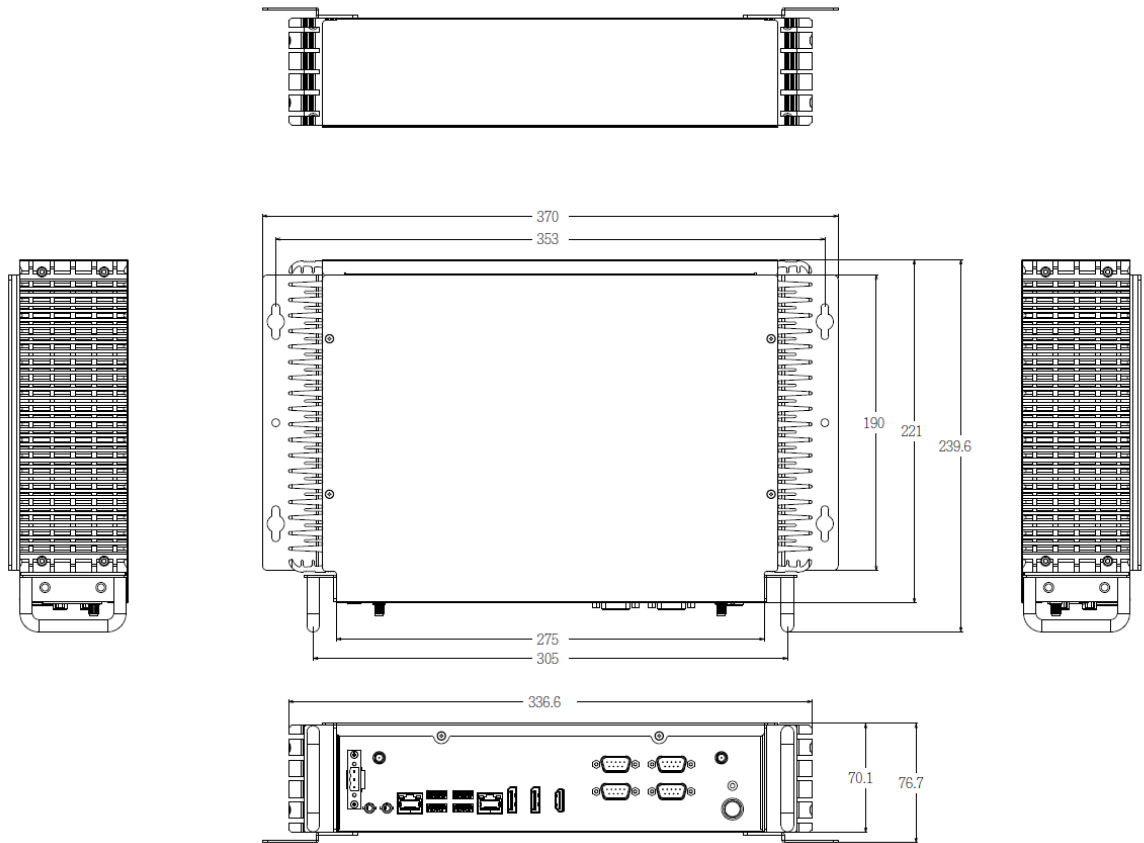
## I/O

Power Button	YES
HDD LED	YES
COM	2 x RS232 2 x RS232/422/485
DP	2
HDMI	1
Ethernet	2 x RJ45
Audio	Mic-in, Line-out
USB	4 x USB 3.1
Antenna	Reserved two antenna holes

## Mechanical

Power Requirement	DC 12V, (Optional for 9V to 36V)
Dimension (W x H x D)	370 x 77 x 240 mm (14.6" x 3.0" x 9.4")
Operating Temp.	-40 to 70°C
Storage Temp.	-40 to 85°C
Relative Humidity	10% to 90%, non-condensing

## Mechanical Drawing



## Ordering Information

Model Name	Description
PER365A-ET	Intel® Q370 Fanless Rugged System with Coffee Lake-R Core™ i9/i7/i5 Processor, 12 DC-Input, Wide Temp. -20 to 60°C
PER365A-UT	Intel® Q370 Fanless Rugged System with Coffee Lake-R Core™ i9/ i7/i5 Processor, 12 DC-Input, Extended Temp. -40 to 70°C

## Application

