

Overview

The Darveen DIC-317-Q670 is a high-performance wall mount System, which can be equipped with Intel® 12/13/14th generation Core™ i3/i5/i7/i9 processors. It has strong performance and can handle it easily. It comes with rich peripheral interfaces, including 2×LAN, 8× USB 3.0, 5× USB 2.0, 6× COM interfaces, etc. At the same time, it supports expansion with 2× PCIe x16, 4× PCIe x4, and 1× PCI slots. The dual-fan cooling system ensures the machine operates continuously for 24 hours, making it highly favored by users in the industrial application field.

Features

- Supports Intel® Q670 Chipset
- Supports Intel® 12/13/14th Generation Core™ i3/i5/i7/i9 CPU TDP 125W MAX
- 2× Intel GbE LAN, 8× USB 3.0, 5× USB 2.0, 6× COM
- 1× VGA, 1× HDMI, 1× DVI
- 2× PCIe x16, 4× PCIe x4, 1× PCI
- Supports vPro, AMT, RAID, TPM 2.0
- Dual 12025 cooling fans on front panel



I/O Interfaces



Specifications

System	
CPU	Intel® 12/13/14th Generation Core™ i3/i5/i7/i9 CPU LGA1700
CPU TDP	125W MAX
Chipset	Intel® Alder Lake PCH-S, Q670, TDP 6W
Memory	DDR4-3200MHz, 4× Non-ECC U-DIMM Slot, Up to 128GB
Storage	2 x 3.5" disk drives, 2 x 2.5" disk drives 1× M.2 Key-M Slot (PCIe 4 GEN4 NVMe/SATA SSD Auto Detect, 2242/2280)
TPM	SLB 9670VQ2.0, TPM2.0 (Not onboard by default), Support Intel PTT Default
BIOS	AMI UEFI BIOS (Support Watchdog Timer)
I/O Ports	
USB	6× USB3.0 (Rear IO)/2× USB2.0 (Front IO), 2× USB3.0 (Internal) 1× USB2.0 (vertical TYPE-A, Internal), 2× USB2.0 (Internal)
Serial	1× RS232 (Rear IO), 3× RS232 (Internal) 1× RS232/RS422/RS485 (Internal), 1× RS232/RS485 (Internal)
Ethernet	1× Intel I219-V/1× Intel I225-V 2.5G
Display	1× DVI-D (DVI-I)/1× HDMI/1× VGA
SMBUS	1× SMBUS Header
SATAIII	Supports RST RAID 0,1,5,10, 4× SATA3.0 7P Upright Connector
GPIO	8× GPIO (Internal)
PS/2	1× PS/2 Connector (Keyboard & Mouse)
Expansion Slot	
PCI/PCIe	2× PCI-E 16x Slot (GEN3) 3× PCI-E 4x Slot (GEN3) 1× PCI-E 4x Slot (GEN3) 1× PCI Slot
M.2	1× M.2 Key-E Slot (PCIe+USB2.0+ CNVi, support WIFI +Bluetooth Module, 2230)
Audio	
Audio	Realtek Audio HDA Codec 1× Front Audio Header (Line-Out + MIC) 1× SPDIF Out Header 1× Line-out + Line-in + MIC 3.5mm Jack
Power	
Yes	Yes
Remote on off/Light	Remote on off/Light
Standard ATX power supply	Standard ATX power supply
AT/ATX	AT/ATX
Operating System	
Windows	Windows 10/11
Linux	Ubuntu
Mechanical	
Dimensions (W x D x H)	330 x 325 x 180mm (12.99 x 12.79 x 7.08 inches)
Weight (N.W.)	8 KG (17.63 lbs)
Mounting	Wallmount
Environment	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	10%~95% @ 40°C (104°F), non-condensing

Dimensions

