

VIC280E3-Q170

HIGH EXPANDABLE, VARIETY INDUSTRIAL PC



Main Features

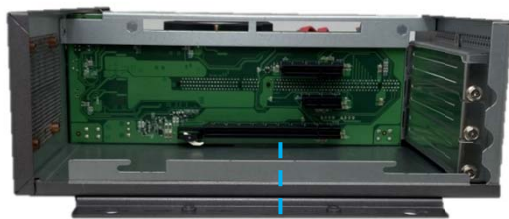
- ◆ Support 6th/7th gen. Intel® Core™ i7/i5/i3 LGA 1151 socket CPU processor
- ◆ Intel® Q170 PCH, compatible with CPU up to MAX Quad core 65W TDP
- ◆ Compact design to support 3 expansion slots: 1 x PCIe16, 1 x PCIe4, 1 PCIe1
- ◆ Support Three independent display: 1x DP, 1x VGA, 1xDVI-D(HDMI)
- ◆ Support 4x USB2.0, 2x USB3.0, 2 x RS232, 2x RS232/422/485
- ◆ 2 x Intel® GbE LAN ports(RJ45)
- ◆ Support +19V to +32V DC input
- ◆ Suitable applications :
Light industrial automation, AOI inspection, Machine Vision System

Specifications

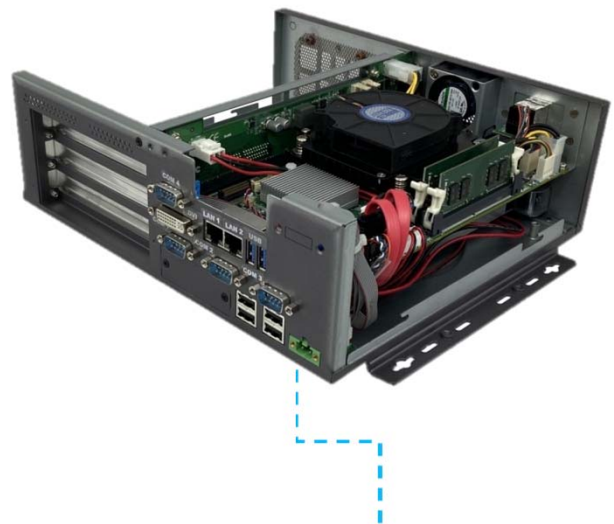
Model Name	VIC280E3-Q170
CPU Support	Support 6 th /7 th generation Intel® Core™ i7/i5/i3 LGA 1151 socket type CPU processor up to Quad core . 65W TDP
Main Memory	2 x 260-pin DDR4 SO-DIMM, up to 32GB
Display Option	1x DVI-I Connector - DVI-I(VGA): resolution up to 1920*1200 pixels @60MHz - DVI-D(HDMI): resolution up to 4096*2304 pixels @60MHz 1x DP Connector (optional) - Display Port: resolution up to 4096*2304 pixels @60MHz
Front I/O	1 x ATX power on/off switch 2 LED Indicators:- Power on LED x1 - Hard Disk active LED x1 2 x USB 2.0 ports 1 x Reset button 2 x 2.5" SATA HDD Mobile Rack
Rear I/O	2 x Intel® GbE LAN ports - 1 x Intel®WG1219LM GbE PHY - 1 x Intel®I211 Gigabit Ethernet Controller 2 x USB2.0 2 x USB3.0 2 x RS232 2 x RS232/422/485

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Model Name	VIC280E3-Q170
Expansion Slot	One PCIe x1 slot Gen 3 : length max. 210 mm
	One PCIe x4 slot Gen 3 : length max. 210mm
	One PCIe x16 slot Gen 3 : length max. 210mm
Power Requirements	Power input: +19V to +32V DC
	Power adaptor: optional AC to DC power adaptor (19V DC, 120W)
Dimensions	271mm(W) x 239mm (L) x 87.8mm (H) without wall mount bracket
OS Support Lists	Windows 10 64 bits , Windows 7 32/64-bit
	Linux , 7th Gen CPU SKU ONLY support Windows 10 64-bit
Weight Information	Gross weight: 4.1kg
	Net weight: 3.5kg



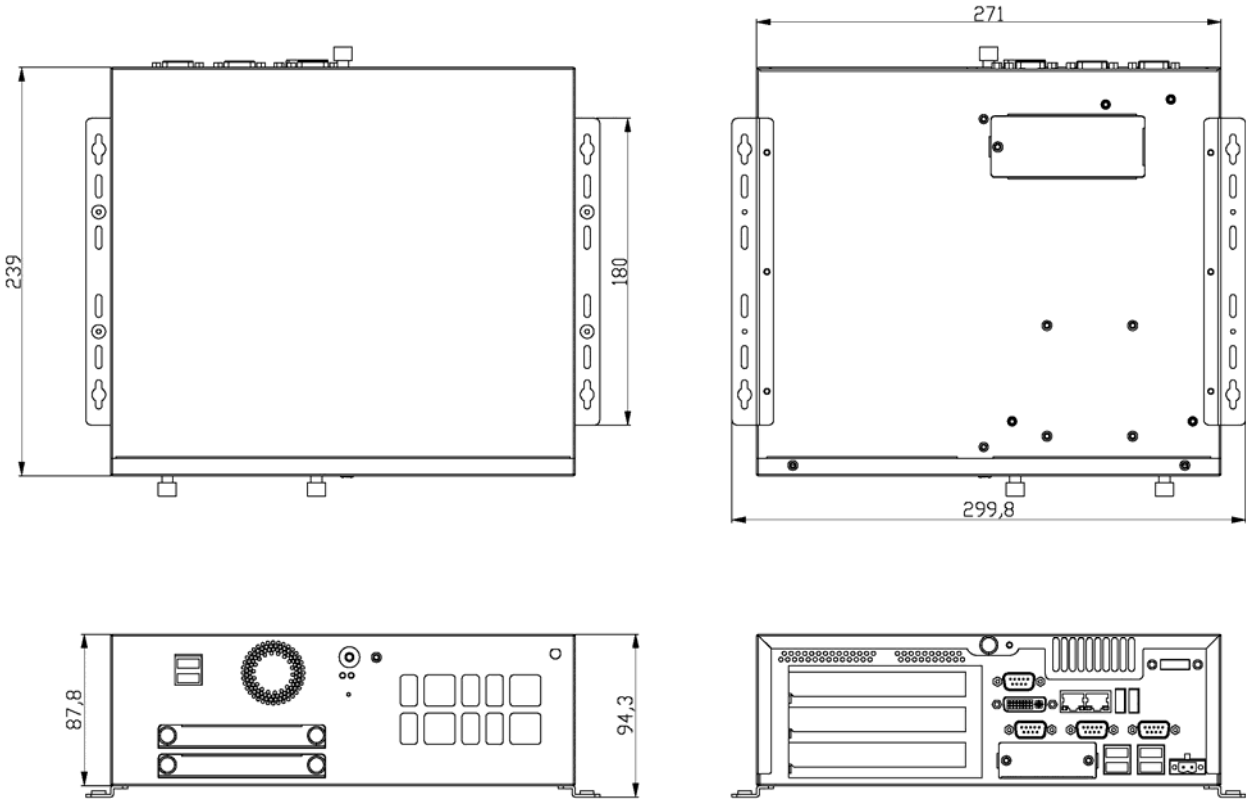
3 expansion slots: PCIe x16, PCIe x4,
PCIe x1 length max 210mm



Power in DC +19V~+32V

VIC280E3-Q170

Dimension Drawing



Model Name	VIC280E3-Q370	VIC280E3-H310	VIC280E3-Q170	VIC280E3-H110
CPU Processor	8th/9th generation	8th/9th generation	6th/7th generation	6th/7th generation
Chipset	Intel® Q370	Intel® H310	Intel® Q170	Intel® H110
Memory	64GB	64GB	32GB	32GB
M.2 Storage	M.2 2280 M key (NVMe Gen3 x4)	X	X	X
SATA Storage	2 x 2.5" SATA SSD Mobile Rack	2 x 2.5" SATA SSD Mobile Rack	2 x 2.5" SATA SSD Mobile Rack	2 x 2.5" SATA SSD Mobile Rack
SATA RAID	0/1/5/10	X	0/1/5/10	X
Serial (optional)	3 x RS232 1 x RS232/422/485	3 x RS232 1 x RS232/422/485	2 x RS232 2 x RS232/422/485	2 x RS232 2 x RS232/422/485
USB	6xUSB2.0 2xUSB3.0	6xUSB2.0 2xUSB3.0	4xUSB2.0 2xUSB3.0	4xUSB2.0 2xUSB3.0
Expansion Slot	One PCIe x1 Gen3 One PCIe x4 Gen3 One PCIe x16 Gen3	One PCIe x1 Gen2 One PCIe x4 Gen2 One PCIe x16 Gen3	One PCIe x1 Gen3 One PCIe x4 Gen3 One PCIe x16 Gen3	One PCIe x1 Gen2 One PCIe x4 Gen2 One PCIe x16 Gen3
Dual Displays		✘		✘
Triple Displays	✘		✘	
OS	Windows 10 64 bits Linux	Windows 10 64 bits Linux	Windows 10 64 bits Windows 7 32/64 bit Linux	Windows 10 64 bits Windows 7 32/64 bit Linux