

# VIC306E5-Q170

HIGH EXPANDABLE, VARIETY INDUSTRIAL PC



## Main Features

- ◆ Support 6<sup>th</sup>/7<sup>th</sup> gen. Intel® Core™ i7/i5/i3 LGA 1151 socket CPU processor
- ◆ Intel® Q170 PCH, compatible with CPU up to MAX Octal core 65W TDP
- ◆ **NBP06E5 : 1 PCIe16, 2 PCIe4 , 1 PCIe1, 1 M.2 2280 (M key) M.2 2280 M Key**
- ◆ 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

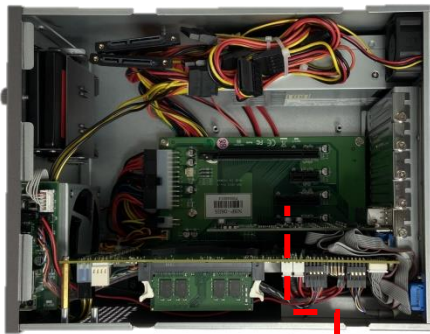
## Specifications

Model Name	<b>VIC306E5-Q170</b>
CPU Support	6th/7th generation Intel® Core™ i7/i5/i3 processor (65W/35W) TDPs, Socket LGA1151
Chipset	Intel® Q170
Main Memory	2 x 260-pin DDR4 SO-DIMM, up to 32GB
Display Option	1* DVI-I Connector - DVI-I(VGA): Resolution up to 1920*1200 pixels @60MHz - DVI-D(HDMI): Resolution up to 4096*2304 pixels @60MH
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

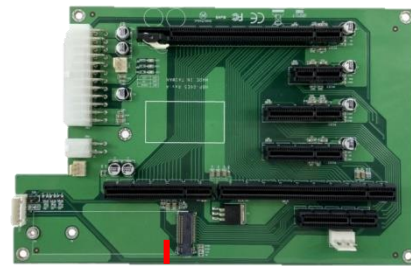
# VIC306E5-Q170

HIGH EXPANDABLE, VARIETY INDUSTRIAL PC

Model Name	<b>VIC306E5-Q170</b>
Storage Device	M.2 2280 M key (PCIe Gen3 x4 NVMe or SATA3 B & M Key)
	2 x 2.5" SATA SSD Mobile Rack
Expansion Backplane	NBP06E5 : 1 PCIe16, 2 PCIe4 , 1 PCIe1, 1 M.2 nvme (M key)
Power Requirements	Power input: 100V~240V AC to ATX (400W)
Dimensions	216mm(W) x 281mm (L) x 155mm (H) without wall mount bracket
OS Support Lists	Windows 10 64 bits
	Linux
Weight Information	Gross weight: 5 kg
	Net weight: 6kg

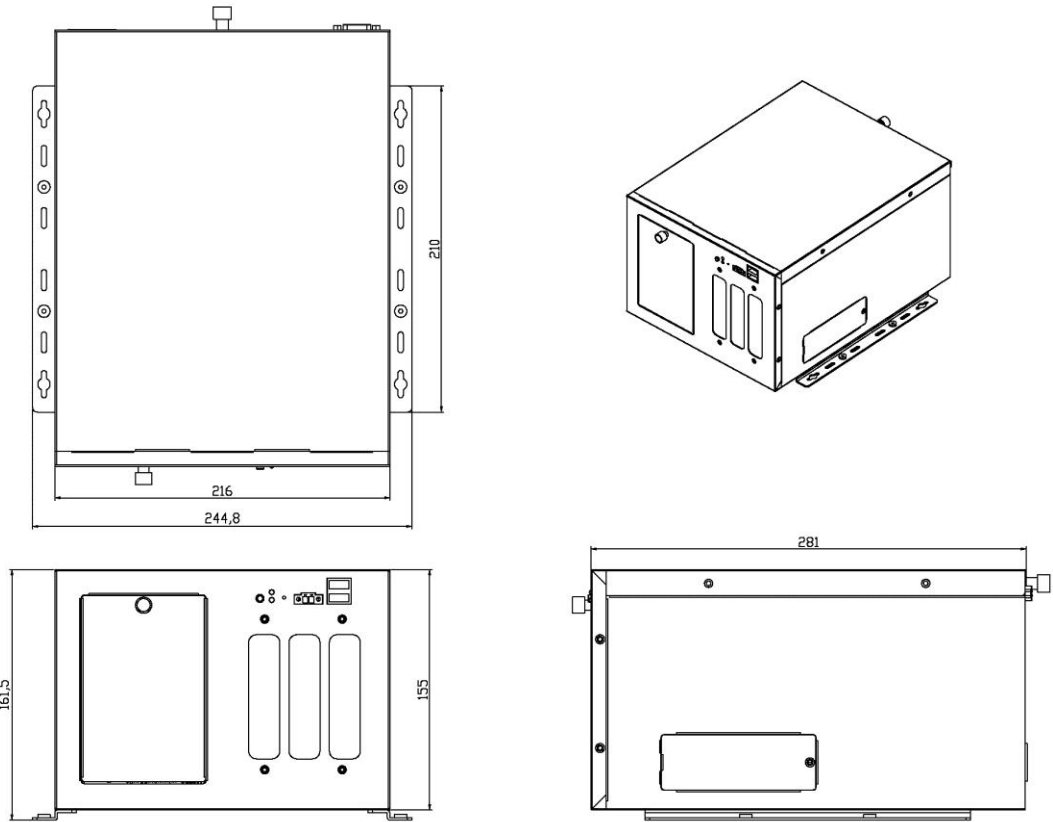


4 expansion slots: 1\*PCIe x16,  
2\*PCIe x4, 1\*PCIe x1  
length max 210mm



M.2 2280 M key  
PCIe Gen3 x4 M Key

## Dimension Drawing



# VIC306E5-Q170

HIGH EXPANDABLE, VARIETY INDUSTRIAL PC

Model Name	VIC306E5-Q370	VIC306E5-Q170
CPU Processor	8th/9th generation	6th/7th generation
Chipset	Intel® Q370	Intel® Q170
Memory	64GB	32GB
M.2 Storage	M.2 2280 M key NVMe Gen3 x4	M.2 2280 M key NVMe Gen3 x4
SATA Storage	2 x 2.5" SATA SSD Mobile Rack	2 x 2.5" SATA SSD Mobile Rack
SATA RAID	0/1/5/10	0/1/5/10
Serial (optional)	3 x RS232 1 x RS232/422/485	2 x RS232 2 x RS232/422/485
USB	6xUSB2.0 2xUSB3.0	4xUSB2.0 2xUSB3.0
Backplane	1*PCIe x1 Gen3 2*PCIe x4 Gen3 1*PCIe x16 Gen3 M.2 2280 M Key	1*PCIe x1 Gen3 2*PCIe x4 Gen3 1*PCIe x16 Gen3 M.2 2280 M Key
Triple Displays	✖	✖
OS	Windows 10 64 bits Linux	Windows 10 64 bits Windows 7 32/64 bit Linux