

VIC-3006S

High expandable, Industrial Grade system



Features

- ◎ 4U height Rackmount Chassis with 7-slot BP for 10- slot chassis
- ◎ Support PICMG1.3 half size SBC board with dedicated backplane
- ◎ Built in 12cm system fan with smart fan feature
- ◎ Two Backplane Options: NBP1052, NBP1037
- ◎ Support 5 PCIe4 Gen3 (without Switch)
Application : AOI , Machine Vision ,Automation ,Surveillance

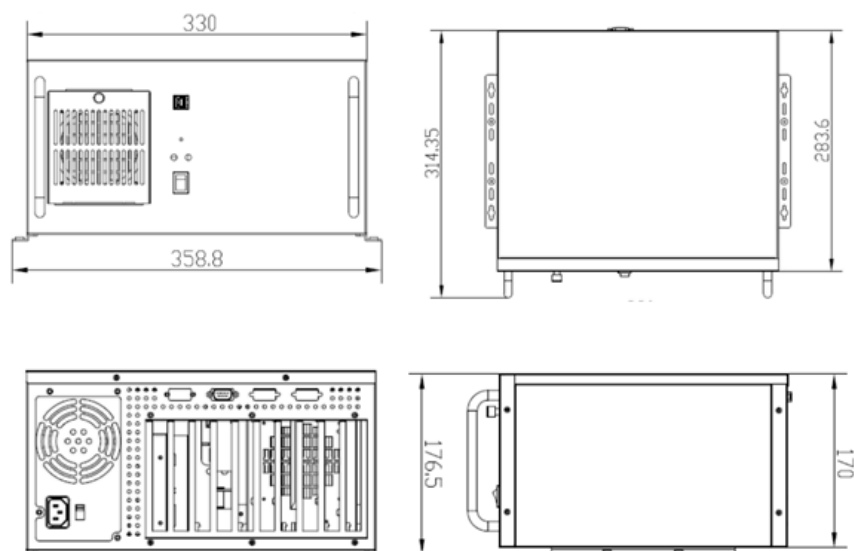
Introduction

VIC-300 is a “Shoe-Box” system with 7-slot backplane for 10-slot Rackmount Chassis, its space-saving design provides an ideal solution for either vertical or horizontal installation. Within its heavy-duty steel construction, it provides two 3.5” HDD Tray and one 2.5” HDD/SSD Tray, 400W ATX power supply, 12cm ball bearing system fan and replaceable air filter for clean cooling system to ensure the system reliability and stability operation against heavy-load environments. VIC-300 provides up to 30 lanes Gen3 PCIe signal with flexible backplane slots (Backplane can be customized by project request), can support max. 5 PCIe4 expansion slots for additional LAN card, frame grabber card, PoE card with high density expandable computing solution targeting for industrial automation, automated optical inspection(AOI) or machine vision applications.

Specifications

Chassis Color	Black
Dimensions	330*168.8*282.4 mm
Chassis Construction	Sheet-metal
Front I/O	USB2.0 x2
	Power On/Off Switch x1
	Two LED Indicators, Power on LED x1, Hard Disk Active LED x1
Rear I/O	USB3.0 x2
	LAN port x2 , Support Boot from LAN (PXE) and Wake on LAN
	1 x Intel®WG1219LM GbE PHY ,
	1 x Intel®I211 Gigabit Ethernet Controller
	DVI-I Connector x1
	DVI-I(VGA): Resolution up to 1920*1200 pixels @60MHz DVI-D(HDMI): Resolution up to 4096*2304 pixels @60MHz DP(On board pin header): Resolution up to 4096*2304 pixels @60MHz
Storage	Support maximum two 3.5" HDD and one 2.5" HDD/SSD
CPU	6th generation Intel® Xeon and Intel® Core™ i7/i5/i3 processor (65W/35W) TDPs, Socket LGA1151
Chipset	Intel® C236 / Intel® Q170 / Intel® H110
Memory	2 x 260-pin DDR4 SO-DIMM, up to 32GB
Expansion	NBP1052 : 2 PCIe16 , 3 PCIe4 , 2 PCI (PCIe16 slot support 1 PCIe16 or 2 PCIe8 By auto detect)
	NBP1037 : 1 PCIe16 , 1 PCIe8 , 3 PCIe4 , 2 PCIe1
Power	ATX Power
Operating Temperature	0°C ~ 45°C with air flow (SSD), 10% ~ 95%, non-condensing
Safety / EMC	CE/FCC
OS	Windows 7 · Windows 10 IoT Enterprise

Dimensions Drawing



Ordering Information

	PICMG 1.3 Half SBC, Q170, Intel® LGA1151
VIC-3006S-37	Support DDR4 SODIMM, DVI x1, LAN x2, USB3.0 x2, SATA3.0 x4 Support 1 PCIe16, 1 PCIe8, 3 PCIe4, 2 PCIe1
	PICMG 1.3 Half SBC, Q170, Intel® LGA1151
VIC-3006S-52	Support DDR4 SODIMM, DVI x1, LAN x2, USB3.0 x2, SATA3.0 x4 Support 2 PCIe16, 3 PCIe4, 2 PCI

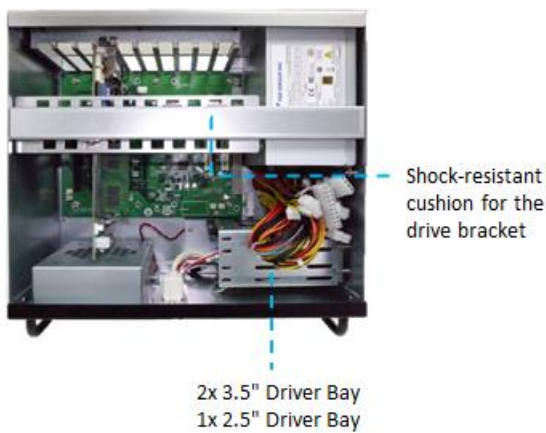
Front View



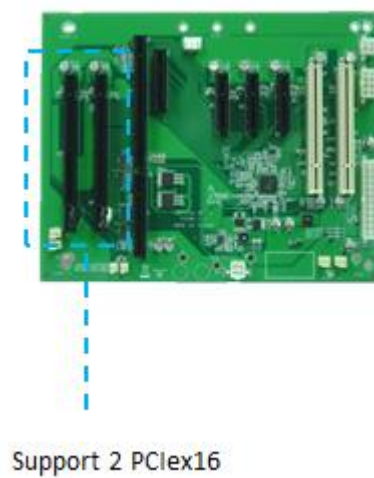
Rear View



Inside view



Inside view



Optional Accessories

COM port Cable P/N :343220090003	COM port cable with bracket , 9P COM port cable x2 Port L:200mm
Print Port Cable P/N : 343220250018	Print port cable with Bracket , DB25P L:250mm
DP cable P/N : 343420000010	DP cable with bracket , DP20P L:250mm

Note: All specifications and photos are subject to change without prior notice.