



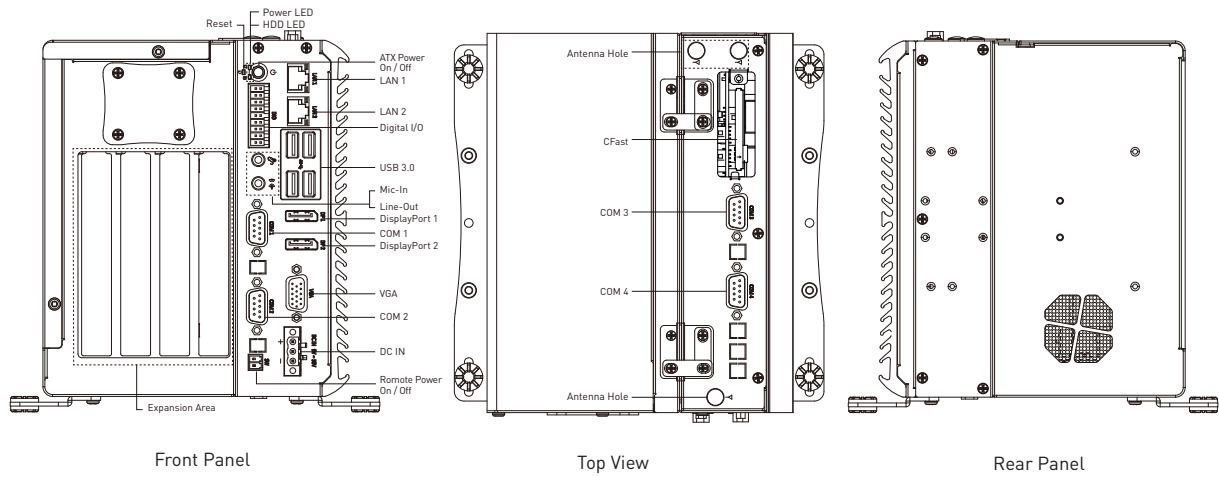
FEATURES

- Intel® 7th Gen (Kaby Lake-U) Processor Core™ i5-7300U, Core™ i3-7100U
- 1x DDR4 SODIMM. max up to 16GB
- Triple independent display supported by 1x VGA and 2x DisplayPort
- 2x Intel® GbE supporting Wake-on-LAN and PXE
- 2x Internal 2.5" SATA HDD Bay with RAID 0, 1, 5 support, 1x mSATA (shared by 1x Mini PCIe & 1x SATA), and 1x CFAST (shared by 1x mSATA & 1x SATA)
- 2x full-size mini PCIe for communication or expansion modules
- 4x RS-232/422/485, 4x USB 3.0
- 4x PCI expansion
- 8x DI + 8x DO with isolation
- 9 to 50VDC wide range power input supporting AT/ATX mode
- -40°C to 70°C extended operating temperature

SPECIFICATIONS

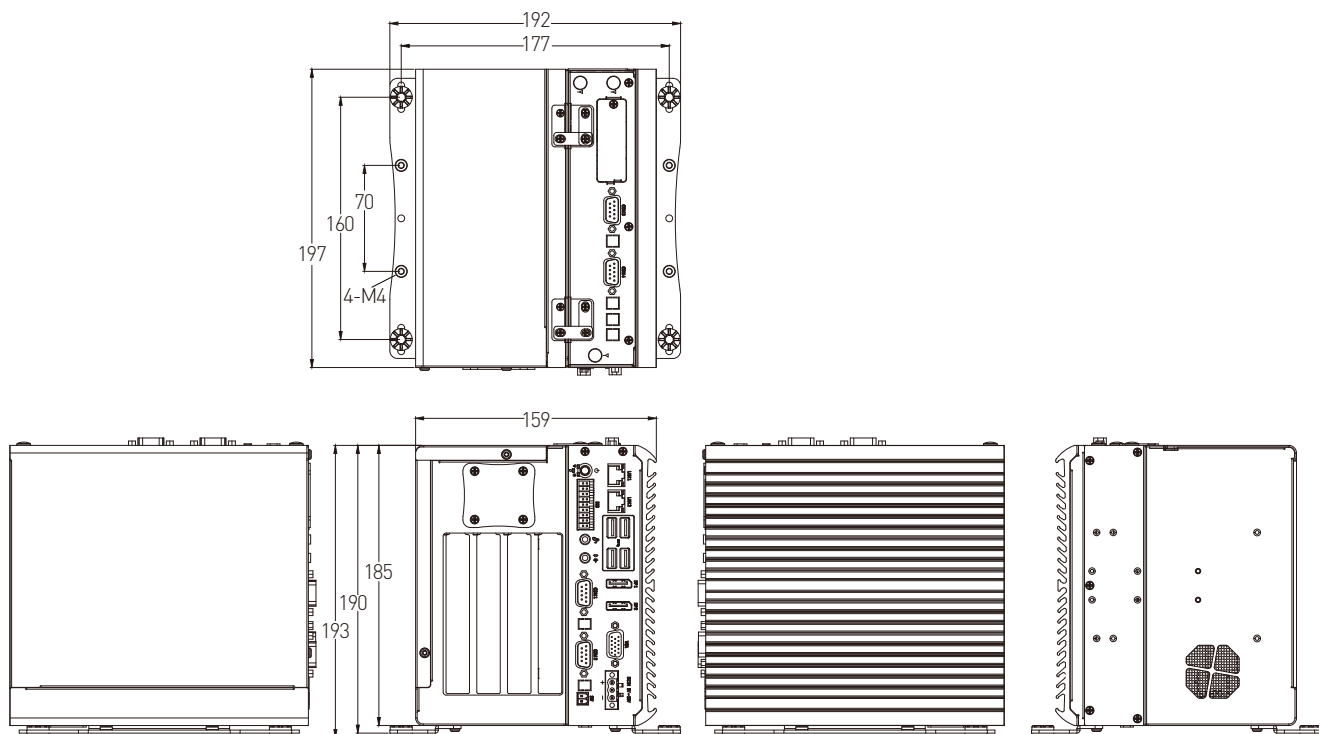
System		Operating System	
Processor	7 th Gen Intel® Core™ i5-7300U Processor, Dual Core, 3MB Cache, up to 3.5 GHz 7 th Gen Intel® Core™ i3-7100U Processor, Dual Core, 3MB Cache, 2.4 GHz	Windows	Windows 10
System Chipset	SoC integrated	Linux	Linux kernel 4.X
LAN Chipset	GbE1: Intel® I219LM (Support Wake-on-LAN and PXE) GbE2: Intel® I210-AT (Support Wake-on-LAN and PXE)	Power	
Audio Codec	Realtek ALC888S	Power Mode	AT, ATX
System Memory	1x 260-Pin DDR4 1866/2133MHz SODIMM. Max. up to 16GB	Power Supply Voltage	9-50VDC
BIOS	AMI 128Mbit SPI BIOS	Power Connector	3-pin Terminal Block
Watchdog	Software Programmable Supports 1~255 sec. System Reset	Power Adaptor	Optional AC/DC 12V/5A, 60W
Display		Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) Reverse Protection
VGA	1x VGA	Environment	
DisplayPort	2x DisplayPort	Operating Temp.	-40°C to 70°C
Multiple Display	Triple Display	Storage Temp.	-40°C to 85°C
Storage		Relative Humidity	10% to 95% (non-condensing)
SSD/HDD	2x Internal 2.5" SATA HDD Bay Support RAID 0, 1, 5	Vibration	With SSD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis
mSATA	1x mSATA (shared by 1x Mini PCIe & 1x SATA)	Shock	With SSD: 50G, half sine, 11ms
CFAST	1x CFAST (shared by 1x mSATA & 1x SATA)	Standards / Certification	CE, FCC Class A
Expansion		Physical	
Mini PCI Express	2x Full-size Mini PCIe	Construction	Extruded Aluminum with Heavy Duty Metal
PCI	4x PCI	Dimension	159 (W) x 197 (D) x 185 (H) mm
Card Dimension	175 (L) x 112 (H) mm	Weight	4.45 kg
I/O		Mounting	Wall / Book Mounting
COM	4x RS-232/422/485		
USB	4x USB 3.0		
LAN	2x RJ45		
Audio	1x Mic-in, 1x Line-out		
DIO	8 in / 8 out [Isolated]		
Others	3x WiFi Antenna Holes 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off		

EXTERNAL I/O MECHANICAL LAYOUT



DIMENSION

Unit: mm



ORDERING INFORMATION

MODEL NO.	DESCRIPTION
1-E09A06007	Adapter AC/DC 12V 5A 60W with 3pin Terminal Block Plug 5.0mm Pitch
SFICBL022	Power Cord, 3-pin US Type, 180cm
1-TPCD00002	Power Cord, European Type
1-TPCD00001	Power Cord, 3-pin UK Type, 180cm

PACKING LIST

- 1x VCO-3400 Series Embedded System
- 1x Utility DVD Driver
- 1x Wall Mount Kit
- 1x Accessory Kit

AVAILABLE MODELS

MODEL NO.	DESCRIPTION
VCO-3444P-7300U	Advanced Machine Vision System with Intel® Core™ i5-7300U, 4x PCI
VCO-3444P-7100U	Advanced Machine Vision System with Intel® Core™ i3-7100U, 4x PCI