

Rigid-782



Extreme Rugged Intel® Core™ i3-4340TE Fanless Embedded Controller



Features

- Wide Operating Temperature (-40 ~70°C)
- Fanless Design
- Wide Range DC Power Input (9~36V)
- iAMT supported
- Triple Independent Displays (DVI-I + DisplayPortx2) supported
- Optional WiFi or HSUPA Wireless Connectivity supported
- Rugged Design for Shock / Vibration Protection
- Memory Support up to 16GB (DDR3)
- RAID 0,1 Supported

System	
CPU	Intel® 4th Gen. Core™ i3-4340TE 2.6GHz processor
Memory	2 x 204-pin DDR3 SO-DIMM sockets, supporting 1600MHz SDRAM up to 16GB 4GB WT DDR3 memory module installed
Chipset	Intel® Q87
Graphics	Integrated Intel® HD 4600
ATA	2 x Serial ATA ports with RAID 0/1 support
LAN Chipset	1 x Intel® i217LM GbE PHY w/ iAMT 2 x Intel® i210IT GbE
Watchdog Timer	1~255 levels reset
I/O	
Serial Port	COM1/ COM2 RS-232/422/485 Selectable, w/ isolated protection COM3/COM4 RS-232
USB Port	6 x USB 3.0/ 2.0 ports Internal USB dongle (Optional)
LAN	3 x RJ-45 ports for GbE
Video Port	2 x DisplayPort female connector for Digital Video output 1 x DVI-I female connector for Digital/Analog Video output
Selectable Port	1 x DB25 connector for 1 x DIO (8 in/8 out) port or 1 x LPT port (either one) DIO by default, can be changed to LPT
Audio	Mic-in/Line-out
Expansion Bus	1 x Full-size mini-card socket interconnected with SIM card socket [PCIe x1 + USB2.0] 1 x half-size mini-card socket [USB2.0] CFast socket (outside accessible) 1 x PCIe x16 slot, 1 x PCIe x8 slot (via x 4 lanes)

Environmental

Operating Temp.	-40 ~70°C (-40 ~ 158°F), ambient w/ air flow
Storage Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 70°C (non-condensing)
Vibration	3 Grms/5~500Hz/random operation w/ SSD
Shock	Operating 40G (11ms), Non-operating 60G with SSD

Qualification

Certification	CE, FCC Class A
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Power Requirement

Power Input	DC 9~36V input w/ 4-pin terminal block
Power Consumption	Max. 75W(w/o I/O Card)

Storage

Type	2 x 2.5" drive bays 1 x outside accessible CFast socket
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Mechanical

Construction	Aluminum alloy
Mounting	Wall-mount
Weight	7 kg (15.43 lb)
Dimensions (W x D x H)	225 x 267 x 120 mm

OS Support

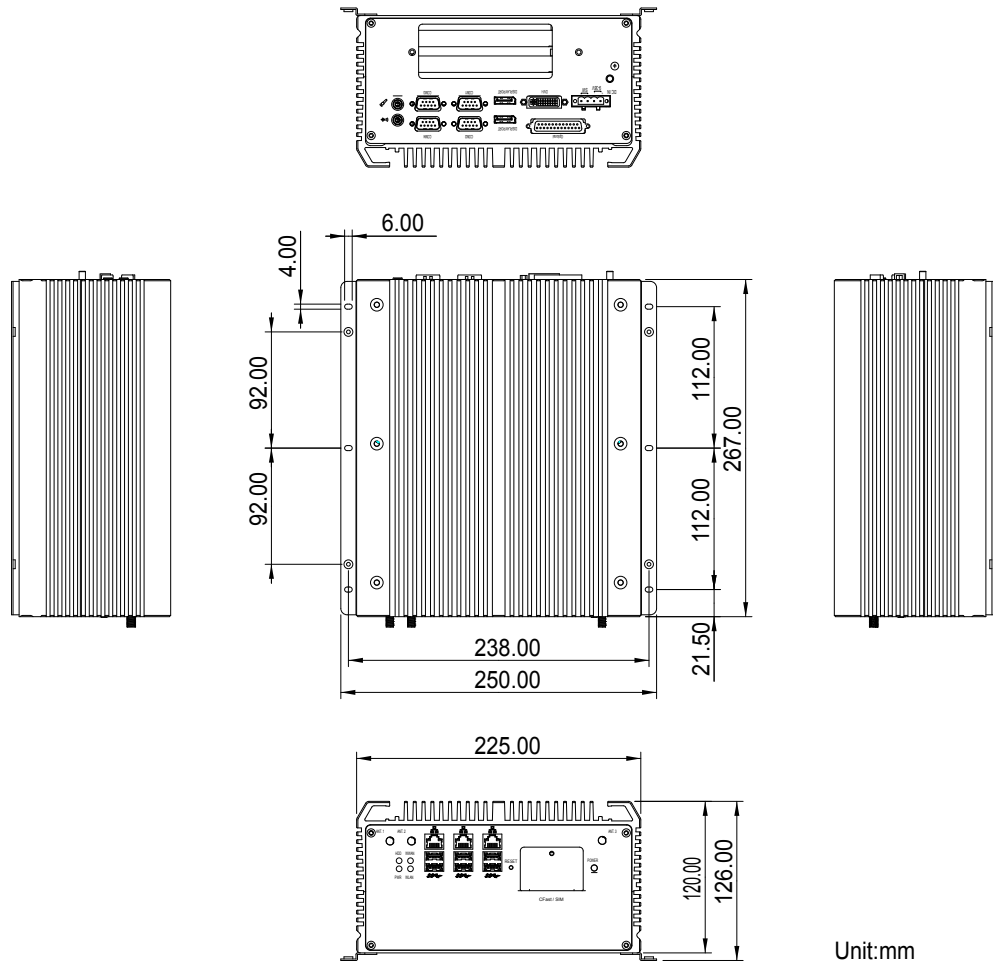
W7 Pro / WS7E / WE8 STD

Ordering Information

Rigid-782	Fanless system, w/ 1 xPCIe x8 + 1 x PCIe x16
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Dimensions



Unit:mm

Standard Accessories

PAC-B120W-FSP 19V/6.32A 120W AC/DC adapter kit



WMK-7000 Wall-mount kit for FPC-7XXX Series



Optional Configuration (CTOS*Kit)

80GB SSD Intel® 2.5" 80GB SATAIII SSD kit



HSPA-SI1400 HSUPA 3.75G module kit & internal wiring



WIFI-AT2300 Atheros AR9462 Wi-Fi module w/ 20cm internal wiring



ANT-H11 1 x 2dBi HSUPA antenna



ANT-D11 1 x Wi-Fi Dual-band 2.4G/5G antenna



MK-3I-4G-2 Industrial DDR3 4GB SDRAM DIMM2 kit



MK-3I-8G-2 DDR3-1600 8GB SDRAM DIMM2 kit



UDK-7702 Internal USB dongle kit for FPC-7701/7702/7703

