

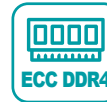
PAC-400AI-C236

NEW



Feature

- Intel® Skylake C236 chipset with Xeon® CPU
- One 8 cm hot swappable fan
- Integrated one PCIe x16 and one x4 Gen3 expansion slot
- Great flexibility hardware expansion



intel

Specifications

Model Name		PAC-400AI-C236
Chassis	Color	NAVY BLUE & BLACK
	Dimensions (WxDxH)	268.7mm x 140mm x 230.3mm
	System Fan	System Fan & CPU Fan
	Chassis Construction	Heavy duty metal
Motherboard	CPU	Intel® Xeon® E3-1275 v5 CPU (3.60 GHz, Quad Core, TDP 80W)
	Chipset	Intel® C236
	System Memory	Two 260-pin 1600/2133 MHz dual-channel DDR4 ECC and non-ECC unbuffered SODIMM support up to 32 GB (2 x 8GB Pre-installed)
	Display Output	1 x VGA (up to 1920x1200@60 Hz) 1 x iDP interface for HDMI, LVDS, VGA, DVI, DP (up to 3840x2160@60 Hz)
Storage	Hard Drive	1x 3.5" 6 Gb/s SATA removable drive Bay (Hot swap)
	MSATA	1
I/O interfaces	Ethernet	LAN1: Intel® I219LM Clarkville-V with Intel® AMT 11.0 support LAN2: Intel® I211 PCIe controller
	KB/MS	1 x (1x6 pin)
	USB 3.2	2 x USB 3.2 Gen1
	USB 2.0	2 x USB 2.0
	Expansion	1 x PCIe Gen3 x16 slot 1 x PCIe Gen3 x4 slot **PCIe Half Size Cards length support to maximum 169mm
Power	Power Input	ATX Power (350W)
	PCIe Expansion Card (GPU/Add-on Cards) Recommendation	Total maximum up to 150W (80W CPU with 16GB memory, 350W ATX Power) Total maximum up to 180W (35W CPU with 16GB memory, 350W ATX Power)
Reliability	Mounting	Wall mount
	Operating Temperature	0°C~+50°C
	Storage Temperature	0°C~+60°C
	Relative Humidity	10% ~ 95%, non-condensing
	Weight (Net/Gross)	6 kg/7.8 kg
	Safety/EMC	CE/FCC
OS	Supported OS	Microsoft® Windows® 10, Linux

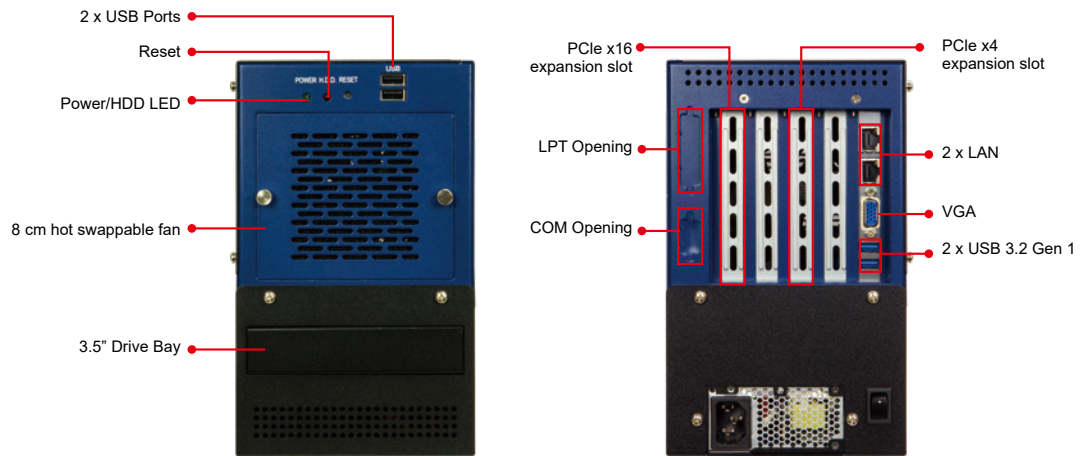
Ordering Information

Part No.	Description
PAC-400AI-C236-XE/16G/35-R10	Half-size AI System with Intel® Xeon® E3-1275 v5 CPU (3.60 GHz, Quad Core, TDP 80W) w/ Intel® C236, pre-installed 16GB ECC DDR4 SO-DIMM memory, VGA, Intel GbE, USB 3.2, PCIe Mini, w/ 1 PCIe x16/x4 Slot BP, w/ FSP350 (350W), RoHS
PAC-400AI-C236-35-R10	Half-size AI System with Intel® C236, VGA, Intel GbE, USB 3.2, PCIe Mini, w/ 1 PCIe x16/x4 Slot BP, w/ FSP350 (350W), RoHS

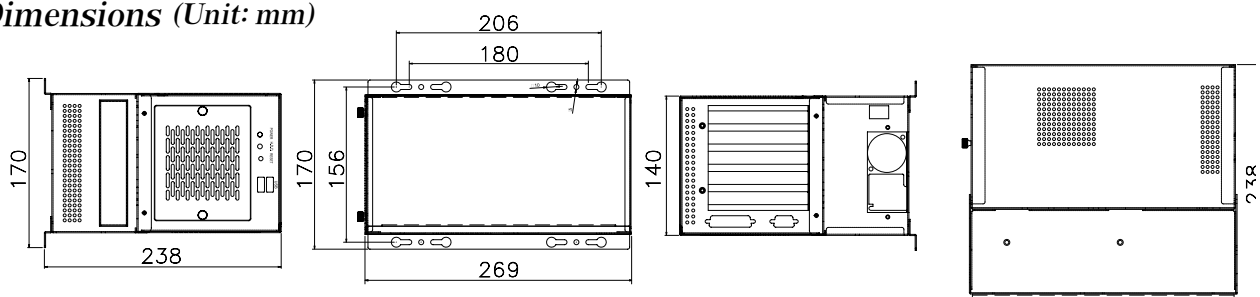
Options

Part No.	Description
GPOE-2P-R20	PCI Express Power over Ethernet card, 2-port 1000 Base(T), 802.3at compliant, low profile, RoHS
GPOE-4P-R20	PCI Express Power over Ethernet card, 4-port 1000 Base(T), 802.3at/af compliant, low profile, RoHS
IPCIE-4POE-R10	PCI Express Power over ethernet card, 4-port 1000 Base(T), 802.3af compliant, RoHS
Mustang-V100-MX4-R10	Computing Accelerator Card with 4 x Intel® Movidius™ Myriad™ X MA2485 VPU, PCIe Gen2 x2 interface, RoHS
Mustang-V100-MX8-R11	Computing Accelerator Card with 8 x Movidius Myriad X MA2485 VPU, PCIe gen2 x4 interface, RoHS
Mustang-F100-A10-R10	PCIe FPGA Highest Performance Accelerator Card with Arria 10 1150GX support DDR4 2400Hz 8GB, PCIe Gen3 x8 interface
19800-000075-RS	PS/2 KB/MS cable with bracket, 220mm, P=2.0
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
AC-KIT-892HD-R10	7.1 channel HD Audio kit with Realtek ALC892 support dual audio streams
SAIDE-KIT01-R10	SATA to IDE/CF Converter board
32102-000100-200-RS	WIRE CABLE; POWER CABLE; SERIAL ATA POWER CABLE; 3; 150MM; 18AWG; (A)MOLEX 8981-4M P=5.08; (B)SATA 15P 180° X2; ONE PCS PKG W/ LABEL; RoHS
32102-044900-100-RS	WIRE CABLE; POWER CABLE; PCIE power cable; 3; 100MM; 20AWG; (A)MOLEX 8981-04M P=5.08*2; (B) TKP:H6657R1-06-B-03 P=4.2; Polywell; RoHS
32102-011500-100-RS	WIRE CABLE; POWER CABLE; ; 3; 150MM; 18AWG; MOLEX 8981-04P P=5.08 X2; MOLEX 8981-04M P=5.08; Wins Precision; RoHS
19100-000238-00-RS	COOLER MODULE; HEATSINK:105*67*12.1mm; FAN:77*75*15.4mm; STANDARD; 00; HF-XFWD-00383-1710; DC FAN:12V, 4P, 5500RPM, TOW BALL; Everflow; B127515BU; CCL; RoHS

Fully Integrated I/O

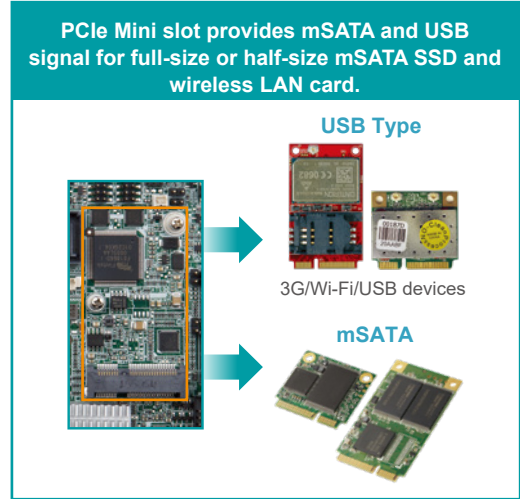
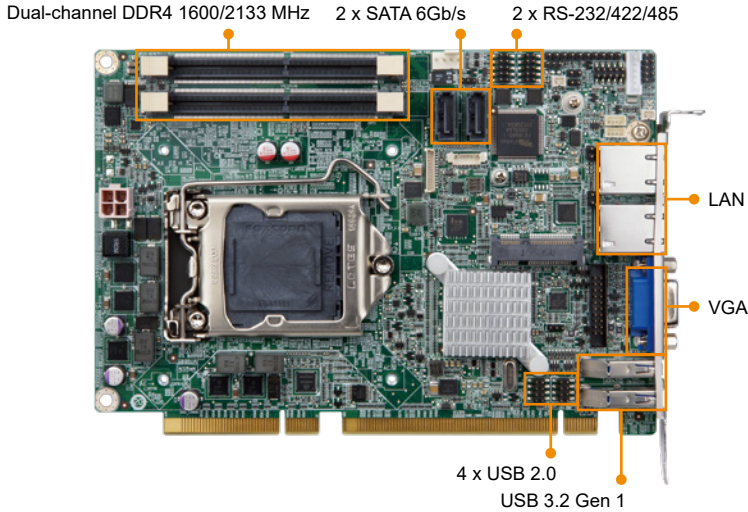


PAC-400AI-C236 Dimensions (Unit: mm)



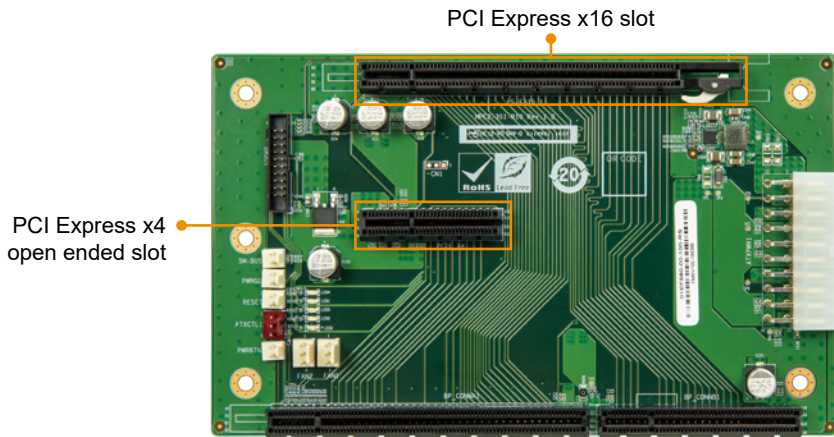
Single board computer in PAC-400AI (HPCIE-C236)

Half-size PICMG 1.3 CPU Card supports LGA 1151 Intel® Xeon® E3, Core™ i3/Pentium®/Celeron® CPU with Intel® C236, ECC & non-ECC DDR4 SO-DIMM, VGA, iDP, Dual Intel® PCIe GbE, USB 3.2 Gen 1 (5Gb/s), SATA 6Gb/s, mSATA, HD Audio, Intel® AMT and RoHS.



PCI Express Backplane in PAC-400AI (HPE2-3S1)

5-slot PICMG 1.3 backplane for half-size SBC, with one PCIe x16 Slot and one PCIe x4 Slot, RoHS.



HPE2-3S1
Dimensions (Unit: mm)

