

# PAC-400AI-C236

Half-size AI System with Intel® Xeon® E3-1275 v5 CPU (3.60 GHz, Quad Core, TDP 80W) / Intel® C236, pre-installed 16GB ECC DDR4 SO-DIMM memory, VGA, Intel GbE, USB 3.2, PCIe Mini, 1 PCIe x16/x4 Slot BP, FSP350 (350W), RoHS



## Features

- » Intel® Skylake C236 chipset with Intel® Xeon® E3-1275 v5 CPU (3.60 GHz, Quad Core, TDP 80W)
- » One 3.5" drive bay, for optional removable drive
- » Integrated one PCIe x16 and one PCIe x4 Gen3 expansion slot (support maximum length 169mm PCIe add-on cards)
- » Great flexibility hardware expansion

## Specifications

| Form factor     |   |
|-----------------|---|
| SBC Form Factor | » CPU:<br>Intel® Xeon® E3-1275 v5 CPU (3.60 GHz, Quad Core, TDP 80W)  |
|                 | » Chipset:<br>Intel® C236   |
|                 | » System Memory:<br>Two 260-pin 1600/2133 MHz dual-channel DDR4 ECC and non-ECC unbuffered SODIMMs support up to 32 GB (2 x 8GB Pre-installed)  |
|                 | » Reliability:<br>Operating Shock: Half-sine wave shock 5G, 11ms, 100 shocks per axis<br>Operating Vibration: MIL-STD-810G 514.6C-1<br>Safety/EMC: CE/FCC                                       |
| I/O Interface   |   |
| I/O Ports       | » I/O Interface<br>1 x VGA (up to 1920*1080@60Hz)<br>2 x USB 3.2 Gen 1 (5Gb/s)<br>2 x GbE LAN (Intel® I219LM and I210)<br>2 x USB 2.0   |
|                 | » Internal I/O Interface<br>1 x KB/MS (1x6 pin)<br>2 x SATA 6Gb/s (RAID 0, 1 supported)<br>1 x mSATA (SATA & USB signal)<br>4 x USB 2.0 (2x4 pin, P=2.0)<br>2 x RS-232/422/485 (2x5 pin, P=2.0) |
| Expansion Slots |   |
| Expansion Slots | 1 x PCIe *16 slot<br>1 x PCIe *4 slot   |

|                                 |   |
|---------------------------------|---|
|                                 | 1 x Full/Half-size PCIe Mini card slot (supports mSATA) |
| <b>System</b>                   |   |
| Cooling method / System Fan     | System fan  |
| Drive Bays                      | 1x 3.5"6 Gb/s SATA removable drive Bay (Hot swap)       |
| <b>Indicator&amp;Buttons</b>    |   |
| Buttons                         | 1 x Power Switch  |
|                                 | 1 x Reset Button  |
| Indicators                      | HDD & Power   |
| <b>Physical Characteristics</b> |   |
| Construction                    | Heavy Duty Metal  |
| <b>Color</b>                    |   |
| Color                           | Navy Blue & Black                                       |
| <b>Dimensions</b>               |   |
| Dimensions                      | 268.7mm x 140mm x 230.3mm (WxDxH)                       |
| <b>Weight</b>                   |   |
| Weight                          | 6 kg/7.8 kg   |
| <b>Environment</b>              |   |
| Operating Temperature           | 0°C~+50°C   |
| Humidity                        | 10% ~ 95%, non-condensing                               |

## Ordering Information

|                              |  |
|------------------------------|--|
| 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   |

## Packing List

|                              |                   |
|------------------------------|-------------------|
| 1 x PAC-400AI-C236 AI System | 1 x Chassis Screw |
|------------------------------|-------------------|