

# 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:                                                                                                                    |
|                 | 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 SODIMMs support up to 32 GB(2 x 8GB Pre-installed) |
|                 | » Reliability:                                                                                                            |
|                 | Operating Shock: Half-sine wave shock 5G, 11ms, 100 shocks per axis                                                       |
|                 | Operating Vibration: MIL-STD-810G 514.6C-1                                                                                |
|                 | Safety/EMC: CE/FCC                                                                                                        |
| I/O Interface   |                                                                                                                           |
| I/O Ports       | » I/O Interface                                                                                                           |
|                 | 1 x VGA (up to 1920*1080@60Hz)                                                                                            |
|                 | 2 x USB 3.2 Gen 1 (5Gb/s)                                                                                                 |
|                 | 2 x GbE LAN (Intel® I219LM and I210)                                                                                      |
|                 | 2 x USB 2.0                                                                                                               |
|                 | » Internal I/O Interface                                                                                                  |
|                 | 1 x KB/MS (1x6 pin)                                                                                                       |
|                 | 2 x SATA 6Gb/s (RAID 0, 1 supported)                                                                                      |
|                 | 1 x mSATA (SATA & USB signal)                                                                                             |
|                 | 4 x USB 2.0 (2x4 pin, P=2.0)                                                                                              |
|                 | 2 x RS-232/422/485 (2x5 pin, P=2.0)                                                                                       |
| Expansion Slots |                                                                                                                           |
| Expansion Slots | 1 x PCIe *16 slot                                                                                                         |
|                 | 1 x PCIe *4 slot                                                                                                          |

|                             |                                                         |
|-----------------------------|---------------------------------------------------------|
|                             | 1 x Full/Half-size PCIe Mini card slot (supports mSATA) |
| System                      |                                                         |
| Cooling method / System Fan | System fan                                              |
| Drive Bays                  | 1x 3.5"6 Gb/s SATA removable drive Bay (Hot swap)       |
| Indicator&Buttons           |                                                         |
| Buttons                     | 1 x Power Switch                                        |
|                             | 1 x Reset Button                                        |
| Indicators                  | HDD & Power                                             |
| Physical Characteristics    |                                                         |
| Construction                | Heavy Duty Metal                                        |
| Color                       |                                                         |
| Color                       | Navy Blue & Black                                       |
| Dimensions                  |                                                         |
| Dimensions                  | 268.7mm x 140mm x 230.3mm (WxDxH)                       |
| Weight                      |                                                         |
| Weight                      | 6 kg/7.8 kg                                             |
| Environment                 |                                                         |
| 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 |
|------------------------------|-------------------|