

RACK-500AI-C246

5U AI System with Intel® Xeon® E-2176G CPU (3.70 GHz, Hexa Core, TDP 80W) with Intel® C246, pre-installed 16GB ECC DDR4 memory, HDMI™, Dual Intel® PCIe GbE, USB 3.2, iAMT, w/ 1 PCIe x16/x4 Slot BP, w/ FSP350, RoHS



Features

- » Intel® Coffee Lake C246 chipset with Intel® Xeon® E-2176G CPU (3.70 GHz, Hexa Core, TDP 80W)
- » 1 x Front-accessible 3.5" and 1 x 3.5" HDD drive capacity
- » Integrated one PCIe x16 and one PCIe x4 Gen3 expansion slot(support maximum length 338mm PCIe add-on cards)
- » Great flexibility hardware expansion

Specifications

| Form factor | |
|-----------------|---|
| SBC Form Factor | » CPU: |
| | Intel® Xeon® E-2176G CPU (3.70 GHz, Hexa Core, TDP 80W) |
| | » Chipset: |
| | Intel® C246 |
| | » System Memory: |
| | Four 288-pin 2666MHz dual-channel DDR4 SDRAM unbuffered DIMMs support up to 64GB ECC & non-ECC (2 x 8G Pre-installed) |
| | » Power: |
| | ATX POWER (350W PSU) |
| | » 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 HDMI™ (up to 4096 x 2304@30Hz) |
| | 2 x USB 3.2 Gen 1 (5Gb/s) |
| | 2 x GbE LAN (Intel® I219LM and I211-AT) |
| | 2 x USB 2.0 |
| | » Internal I/O Interface |
| | 1 x USB 2.0 (Type A 180°) |
| | 1 x KB/MS (1x6 pin) |
| | 1 x RS-422/485 (1x4 pin, P=2.0) |
| | 2 x USB 3.2 Gen 1 (5Gb/s) (2x10 pin) |
| | 3 x RS-232 (2x5 pin, P=2.54) |
| | 6 x SATA 6Gb/s (RAID 0/1/5/10 supported) |

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|---------------------------------|--|
| | 6 x USB 2.0 (2x4 pin, P=2.54) |
| Expansion Slots | |
| Expansion Slots | 1 x PCIe *16 slot |
| | 1 x PCIe *4 slot |
| | 1 x 2280 M key (PCIe x4) |
| 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 | 440.2 mm x 110.6 mm x 221.3 mm(DxWxH) |
| Weight | |
| Weight | 8 kg/11 kg |
| Environment | |
| Operating Temperature | -20°C~+50°C |
| Humidity | 10% ~ 95%, non-condensing |
| OS Support | |
| OS Support | Microsoft Windows 10 / Windows 11, Linux |

Ordering Information

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|-------------------------------|---|
| RACK-500AI-C246-XE/16G/35-R10 | 5U AI System with Intel® Xeon® E-2176G CPU (3.70 GHz, Hexa Core, TDP 80W) with Intel® C246, pre-installed 16GB ECC DDR4 memory, HDMI™, Dual Intel® PCIe GbE, USB 3.1, iAMT, w/ 1 PCIe x16/x4 Slot BP, w/ FSP350, RoHS |
| RACK-500AI-C246-35-R10 | 5U AI System with Intel® C246, HDMI™, Dual Intel® PCIe GbE, USB 3.1, iAMT, w/ 1 PCIe x16/x4 Slot BP, w/ FSP350, RoHS |

Packing List

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|-------------------------------|-------------------|
| 1 x RACK-500AI-C246 AI System | 1 x Chassis Screw |
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