

# 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)

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

## Ordering Information

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

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