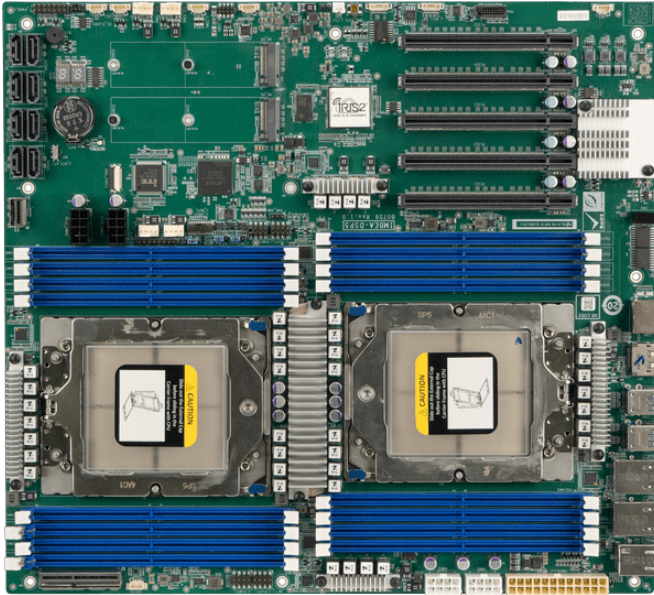


Ordinateur embarqué > Ordinateur à carte unique > Carte mère industrielle

IMBEA-DSP5

EATX motherboard supports high-performance AMD Dual Processors (Series 9005) processor



Features

- » High-Performance AMD dual Processors (Series 9005)
- » Support 6400 MHz Dual-Channel DDR5 RDIMM
- » 2x 10 GBE RJ45 LAN ports, 4x USB3.2 Gen1 and 1x DP1.1a, 1x 1GBE RJ45
- » Support PCIe Gen4 x1, PCIe Gen4 x4, PCIe Gen5 x16 and M.2 M key expansion

Specifications

Form Factor	
Form Factor	EATX
System	
CPU	High-Performance Dual AMD EPYC™ 9005 Series Processors (Dual SP5 Socket/cTDP up to 400W)
Chipset	AMD EPYC™ 9005
Memory	Total 16 DIMM slot DDR5 6400 ECC RDIMM (8 + 8 DIMM slots)
Cooling method / System Fan	2 x System fan connector (1x4 pin) 2 x CPU fan connector (1x4 pin)
Storage	
Storage	SATA : 6Gb/s (RAID 0/1/5/10 supported)
I/O Interface	
Display Output	1 x Display Port : DP1.1a
I/O Interface	External RS-232
	Internal USB 2.0 : 2x4 pin, P=2.00
	External USB 3.2 Gen2x1 : Type-A, 5Gb/s
Expansion	PCIe x16 : PCIe Gen5 x16 PCIe x4 : PCIe Gen4 x4 M.2(NGFF) : M Key (2242/2280, PCIe x2) NVMe support
Power	
Power Supply	EATX power supply
	Support AT/ATX mode
	ErP/EuP Compliant
Environment	
Operating Temperature	0°C - 40°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~95%, non-condensing

Ordering Information

IMBEA-DSP5-R10	B0759; EATX motherboard supports AMD SP5 Turin 16-128 cores, dual sockets , cTDP up to 400W ,DDR5, 2x 10 GBE RJ45 LAN, M.2, USB 3.2, SATA 6Gb/s, RoHS
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Packing List

1 x IMBEA-DSP5 single board computer	1 x I/O Shielding
2 x SATA cable	1 x QIG