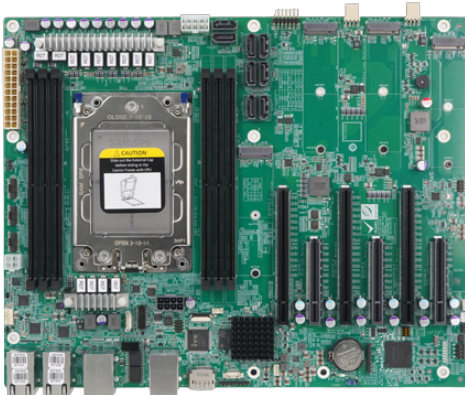


# IMBAX-SP6

Server grade ATX motherboard, supports AMD SP6 Siena 8-64 cores, 70W-225W TDP, DDR5, 4 x 2.5GbE LAN, 4 x M.2 slot, RoHS



## Features

- » ATX motherboard supports AMD SP6 Siena 8-64 cores
- » 6 x 96GB 288-pin 4800MHz DDR5 RDIMM with ECC, up to 576GB total
- » Support 4 x 2.5GbE LAN
- » Support 1 x PCIe Gen5 x16 slot, 2 x PCIe Gen4 x16 slot, 3 x PCIe Gen4 x8 slot
- » 4 x M.2 M key expansion

## Specifications

Form Factor	
Form Factor	ATX Motherboard
System	
CPU	AMD EPYC™ SP6 Siena 8-64 cores
Memory	6 x 96GB 288-pin 4800MHz DDR5 RDIMM with ECC
Memory Max.	up to 576GB
Cooling method / System Fan	1 x CPU fan connector (1x4 pin) 2 x System fan connector (1x4 pin)
Physical Characteristics	
Dimensions (LxWxH) (mm)	244mm x 305mm (ATX)
Net Weight	900g
Storage	
Storage	4 x M.2(NGFF) : M Key (2242/2280, PCIe x4 for SSD) NVMe support slot 8 x SATA : 6Gb/s connectors
I/O Interface	
Display Output	1 x Display Port : DP1.1a (1920 x 1080)
Ethernet	LAN - 4 x 2.5GbE (I225-LM / I226-LM) Base-T LAN Ports 1 x GbE RJ45 IPMI management port 1 x RJ45 (RS-232 LAN Console port)
I/O Interface	4 x External USB 3.2 Gen1x1 : Type-A (5Gb/s) 2 x Internal USB 2.0 : via one 2x4 pin connector, P=2.54
Expansion	PCIe x16 - 1 x PCIe Gen5 x16 slot 2 x PCIe Gen4 x16 slot PCIe x8 : 3 x PCIe Gen4 x8 slot
Other Features	
TPM	1 x TPM header
Power	
Power Consumption	5VSB@0.7A, 5V@1.68A, 3.3V@0.87A, 12V@9.4A (AMD SP6 Siena 8-64 cores with 192GB (six of 32GB) 4800MHz DDR5 memory)
Power Supply	ATX/AT power supply Support AT/ATX mode
Environment	

Operating Temperature	0°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~95%, non-condensing
Certifications	
Safety & EMC	CE/FCC compliant

## Ordering Information

IMBAX-SP6-R10	B704;ATX motherboard supports AMD SP6 Siena 8-64 cores, 70W-225W TDP ,DDR5, Quad 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, RoHS
---------------	---

## Packing List

1 x IMBAX-SP6 single board computer	1 x I/O Shielding
2 x SATA cable	1 x QIG