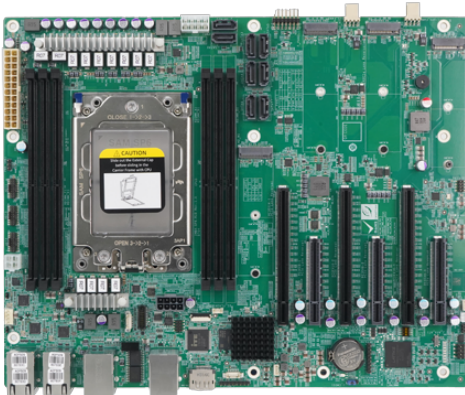


IMBAX-SP6

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 |