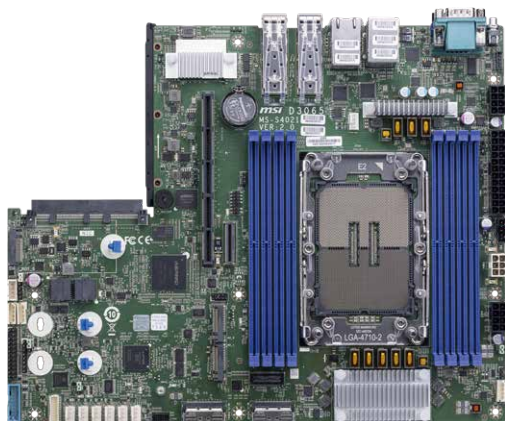


D3065 (BTO)

Intel® Xeon® 6 Server Motherboard



SPECIFICATIONS

Form Factor

Extended, 12" x 9.6"

Processor

Single Intel® Xeon® 6700E-series, 6500P-series and 6700P-series processors, TDP up to 350W

Memory

(8) DDR5 DIMM slots, 8 channels(1DPC), RDIMM/RDIMM-3DS/MRDIMM

- Max. Frequency:

RDIMM: 6400MT/s

MRDIMM: 8000MT/s

- Max. Capacity per DIMM: 256GB(RDIMM), 64GB(MRDIMM)

* MCRDIMMs are only supported with Intel® Xeon® 6 P-core series processors

Expansion Slots

(1) PCIe 5.0 x32 slot

(3) PCIe5.0 x8 MCIO 8i connectors

Networking

(2) 25G SFP28 Ethernet ports (Intel® E810XXVAM2, NCSI supported)

(2) 1000Base-T Ethernet ports (Intel® i210AT, NCSI supported)

(1) PCIe 5.0 x16 OCP3.0 slot (NCSI supported)

* Only one NCSI LAN port can access the BMC at a time

Storage

(2) 2280/22110 PCIe 5.0 x2 NVMe M.2 ports

RAID

NVMe RAID 0/1/5/10 support (Intel® VROC RAID key required)

Server Management

(1) 1000Base-T Dedicated Server Management port

Single-Socket Intel® Xeon® ATX Server Motherboard with 25G Ethernet

The D3065 is a server motherboard designed in an extended ATX form factor, supporting a single-socket Intel® Xeon® 6500/6700 series processor. It is ideal for short-depth servers in standard chassis and features an OCP 3.0 NIC, a PCIe 5.0 x32 riser slot, dual-port 25GbE LAN, and 24 PCIe lanes via MCIO-8i connectors for high-performance direct-attach NVMe storage support.

ASPEED AST2600 with AMI MegaRAC based firmware supporting IPMI 2.0 and DMTF Redfish API
Single BIOS and single BMC

Graphics

(1) D-Sub 15-pin port from the integrated AST2600 BMC

Security

Chassis intrusion (header on board)

Optional TPM2.0 module (header on board)

USB

(2) USB 3.2 Gen 1 Type-A ports

(1) 20pin-header for 2 ports USB3.0

Rear I/O

(2) 25G SFP28 Ethernet ports

(2) 1000Base-T Ethernet ports

(1) 1000Base-T Dedicated Server Management port

(2) USB 3.2 Gen 1 Type-A ports (1) VGA D-Sub port

(1) COM RJ45 port (1) UID LED button

Internal I/O

(1) 20pin-header for 2 ports USB3.0

(1) Buzzer (1) Chassis Intrusion header

(1) Front panel header

(3) I2C headers (1) IPMB header

(1) GPIO header (1) PMBus header (7) FAN headers

Power Connector

(1) 24-pin ATX power connector

(2) 8-pin for ATX 8-pin power connector

Environmental

Operating Temperature: 0°C ~ 40°C (32°F ~ 104°F)

Non-operating Temperature: -20°C ~ 70°C (-4°F to 158°F)

Non-operating Relative Humidity: 5% to 85% (non-condensing)

Package Contents

FCC (Class A), CE

