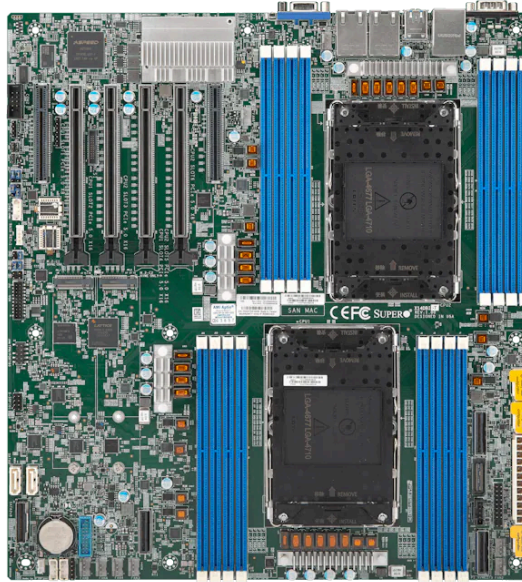


X14DBI-T



X14 DP Mainstream Server Board

Key Features

Intel® Xeon® 6700/6500 series processors with P-cores or 6700 series processors with E-cores, Dual Socket LGA-4710 (Socket E2) supported, CPU TDP supports Up to 350W TDP

Total up to 4TB ECC RDIMM DDR5-6400MT/s in 16 DIMM slots

Support CXL 2.0

4 PCIe 5.0 x16

2 PCIe 5.0 x8

3 PCIe 5.0 x8 via MCIO connectors

M.2 Interface: 2 PCIe 5.0 x4 M.2 Form Factor: 2280, 22110

Dual LAN with 10GBase-T with Broadcom® BCM57416

6 USB 3.2 Gen1 (4 rear and 2 via header)

10 SATA3 ports

Optimized Servers

[SYS-622B-TRT \(/en/products/system/mainstream/2u/sys-622b-trt\)](/en/products/system/mainstream/2u/sys-622b-trt).

Specifications

Product SKUs MBD-X14DBI-T
Physical Stats Form Factor E-ATX Dimension 12.1" x 13.1" (30.73cm x 33.27cm)
Processor CPU Dual Socket E2 (LGA-4710) <u>Intel® Xeon® 6700/6500 series processors with P-cores or 6700 series processors with E-cores</u> (https://www.supermicro.com/en/support/resources/cpu-intel-xeon-6700-6500). *BIOS 1.2 or above is required to support Intel® Xeon® 6700/6500-series processors with P-cores Core Count P-cores: Up to 144C Note Supports up to 350W TDP CPUs
System Memory Memory Slot Count: 16 DIMM Slots Max Memory (1DPC): Up to 4TB 6400MT/s ECC DDR5 RDIMM Max Memory (1DPC): Up to 1TB 8000MT/s ECC DDR5 MRDIMM (P-core only) DIMM Sizes MRDIMM (P-core only):32GB, 64GB RDIMM:16GB, 24GB, 32GB, 48GB, 64GB, 96GB, 128GB 3DS RDIMM:256GB Memory Voltage 1.1V Error Detection Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices IPMI ASPEED AST2600 BMC Network Controller Dual LAN with Broadcom BCM57416 10GBase-T
Input / Output LAN 1 RJ45 GbE Dedicated IPMI LAN port(s) USB 2 USB 3.1 Gen1 port(s) (Header) 4 USB 3.1 Gen1 port(s) (Rear) Video 1 VGA D-Sub Connector port(s) Serial 1 COM port(s) (header) 1 COM port(s) (rear) TPM 1 TPM header Others 3 MCIO port(s)

Expansion Slots PCI-Express (PCIe) Configuration 2 PCIe 5.0 x8 slots 4 PCIe 5.0 x16 slots M2 2 M.2 PCIe 5.0 x4 slots (M-key 2280/22110)
Management Software <u>SuperCloud Composer® (SCC)</u> . (https://www.supermicro.com/en/solutions/management-software/supercloud-composer). <u>Supermicro Server Manager (SSM)</u> . (https://www.supermicro.com/en/solutions/management-software/supermicro-server-manager). <u>Super Diagnostics Offline (SDO)</u> . (https://www.supermicro.com/en/solutions/management-software/super-diagnostics-offline). <u>Supermicro Thin-Agent Service (TAS)</u> . (https://www.supermicro.com/en/solutions/management-software/thin-agent-service). <u>SuperServer Automation Assistant (SAA) New!</u> (https://www.supermicro.com/en/solutions/management-software/superserver-automation-assistant). <u>Plug-ins for 3rd Party Software</u> (https://www.supermicro.com/en/solutions/management-software/plugins).
Security Hardware Trusted Platform Module (TPM) 2.0
PC Health Monitoring Voltage +12V,+3.3V,+3.3V standby,+5V,+5V standby,CPU temperature,CPU thermal trip support,Memory temperature,Peripheral temperature,Platform Environment Control Interface (PECI)/(TSI),System temperature,VBAT,Veore,Vmem LED CPU/system overheat LED UID/remote UID LED Temperature CPU thermal trip support Monitoring for CPU and chassis environment PECI Thermal monitor 2 (TM2) support Fan 8x 4-pin fan headers (up to 8 fans) 8 fans with tachometer monitoring Fan speed control Overheat LED indication Other Features ACPI power management Chassis intrusion detection Control of power-on for recovery from AC power loss M.2 NGFF connector UID

Parts List

Certain products may not be available in your region
