



Supermicro AS-2014TP-HTR Server (P3059)

TECHNICAL SPECIFICATIONS

CHIPSET	System on Chip
MEMORY	max. 2TB of DDR4-3200 ECC SDRAM
LAN (onboard)	onboard Dual-Port 10GbE Networkadapter Intel® X550 based
GRAPHICS	ASPEED AST2500 BMC, 1x VGA
SAS / SATA	4x SATA3 via SoC
POWER SUPPLY	redundant 2000W w/ PMBus; 80 PLUS Titanium Level (96%) certified
REMOTE MANAGEMENT / IPMI	onboard IPMI 2.0 + KVM with Virtual Media,dedicated LAN, SuperDoctor III
INPUT / OUTPUT	onboard 2x 16550 serial port (header)
USB	1x USB 2.0 ports (1x Type A) & 2x USB 3.1 Gen 1 ports (2x rear)
EXPANSION SLOTS	2x PCI-E 4.0 x16, Low Profile & 1x PCI-E 4.0 x16, SIOM [1x populated]
MAX HDD/SSD SLOTS	3x 3.5" SATA3 Hot-swap drive bays

OPERATION AREA:

- Compute Intensive Applications
- High Density Server for HPC and Data Center
- Enterprise Server
- Hyperscale / Hyperconverged
- Virtualization with VMware and HyperV

HIGHLIGHTS:

- first multinode-system with AMD EPYC
- up to max. 256 cores, 512 threads on 2U (4x Rome 7502 32C/64T CPU)
- first server platform with PCI-E 4.0 x16
- 4 independent nodes in a 2U Chassis
- VMware certified (ESXi 6.7U3)

STANDARD CONFIGURATION PER NODE

CPU

1x AMD EPYC™ 7302P, 16-Core, 3.0GHz, SMT, 128MB Cache, 155W (Rome)

MEMORY

4x 16GB (total 64GB) DDR4-3200 ECC RDIMM

HARD DRIVES

1x Intel DC P4101 256GB, TLC, NVMe (PCI-E 3.1 x4), M.2 2280, read-intensive (up to 0,5 DWPD)

OPERATING SYSTEM

optional

OPTIONAL

On Site Service