Nobilis i2064R4 4U Rackmount Storage Server

4U rackmount
Intel® Xeon® E5-2600 v3 processors
24x 3.5” SAS3/SATA3 and 2x 2.5” (optional) SSD drive bays
Remote management

Supporting small and medium sized businesses, this 4U 24-bay storage server features dual Intel® Xeon® E5-2600 v3 processors, 3.5” and 2.5” HDD bays (rear), up to 144TB of storage capacity, and 12Gbps expander backplanes that are available for application-specific solution optimization. This storage server also supports 6 PCIe expansion slots and features up to 95% power efficiency, cooling and power redundancy.

Key Features

- Supports two Intel Xeon processor E5-2600 v3 family, 145W maximum

- 16 memory sockets support up to 1TB total memory

- 24x 3.5” hot swap SAS3 (with LSI expander) / SATA3 drive bays; 2x 2.5” optional hot swap drive SSD bays (rear) for OS boot options

- 3x PCIe 3.0 x16 and 3x PCIe 3.0 x8 expansion slots

- 2x Intel i350 LAN or 2x Intel X540 10GBase-T port options

- Remote Management: IPMI 2.0 / KVM over LAN / Media over LAN for advanced enterprise-class manageability

Specification Highlights

Processor
2x E5-2600 v3 family

Chipset
Intel C612

Form Factor
4U rackmount storage server

Storage
24x 3.5” and 2x 2.5” HDD hot swap bays

Power Supply
1280W redundant

Networking
2x Intel i350 LAN or 2x Intel X540 10GBase-T

Memory
16x DDR4 ECC REG 2133MT/s DIMM sockets supporting up to 1TB

Contact Information

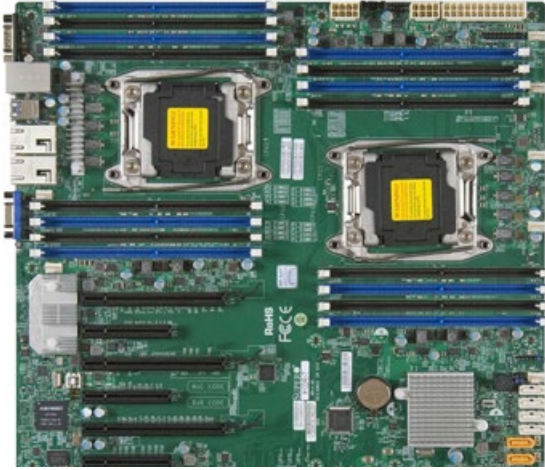**Equus Computer Systems** • www.EquusCS.com • 866-378-8727

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Supermicro X10DRi Motherboard

I2064R4 SPECIFICATIONS

Form Factor:	4U rackmount storage
Processor / System Bus:	Socket R3 (LGA2011) 2x E5-2600 v3 family; QPI up to 9.6GT/s
Dimensions:	7" (H) x 17.2" (W) x 26.5" (D)
Core Logic:	Intel C612
Memory:	16x DDR4 ECC REG 2133MT/s DIMM sockets supporting up to 1TB
Expansion Slots:	3x PCIe 3.0 x16 and 3x PCIe 3.0 x8 expansion slots
Storage:	SAS3 via LSI 3108 AOC (HW RAID)
HDD Bays:	24x 3.5" hot swap SAS3 (with LSI expander) / SATA3 drive bays; 2x 2.5" optional hot swap drive SSD bays (rear) for OS boot options
Networking:	2x Intel i350 LAN or 2x Intel X540 10GBase-T
Fans:	2 x 80mm hot swap rear exhaust PWM fans
Management Solution:	Remote Management: IPMI 2.0 / KVM over LAN / Media over LAN
Power Supply:	1280W redundant