



Nobilis i1065R1 1U Rackmount Server

Mainstream application optimized server
Intel Xeon E5-1600/2600 processor
Up to 512GB DDR4 memory
PCIe Gen 3.0 x16 expansion slot

Designed for today's data intensive environments, the **Nobilis i1065R1 1U rackmount server** is optimized for mainstream applications and features a single processor solution that supports high memory capacity. It is configured with 4x 3.5" hot swap HDDs, up to 512GB ECC DDR4 memory, support for up to 18 cores, and 1 PCIe x16 slot for scalability. This single socket processor features a motherboard that supports an Intel® Xeon® E5-1600/2600 family processor and dual GbE network ports, making this the right solution for purpose-built embedded appliances, storage, datacenter and the cloud.

E5-1600/2600 Features

- Supports up to 512GB DDR4 memory compared to the E3-1200 (32GB max).
- Features more PCIe lanes (40) than E3-1200 (20). Plus, the E5-1600 v3 does not require two processors for slot enablement.
- Supports higher frequency processors (up to 3.7 GHz) compared to E3-1200 and E5-2600.
- Allows future expansion as business grows (memory, I/O slots).
- Pricing advantage over two socket E5-2600 motherboard.
- Perfect middle market opportunity when E3-1200 series systems are not quite enough but dual socket E5-2600 series systems are too much.



Specification Highlights

Processor

1x E5-1600/2600 family (supports up to 18 cores per processor and 45MB of cache per CPU)

Chipset

Intel C612

Form Factor

1U Rackmount

Storage

4x 3.5" hot swap
SAS/SATA HDD bays

Power Supply

350W fixed or 400W
redundant power supplies

Networking

Intel i350-AM2 dual
port GbE LAN

Memory

Up to 512GB ECC DDR4
2133MHz LRDIMM;
8x DIMM slots

Contact Information

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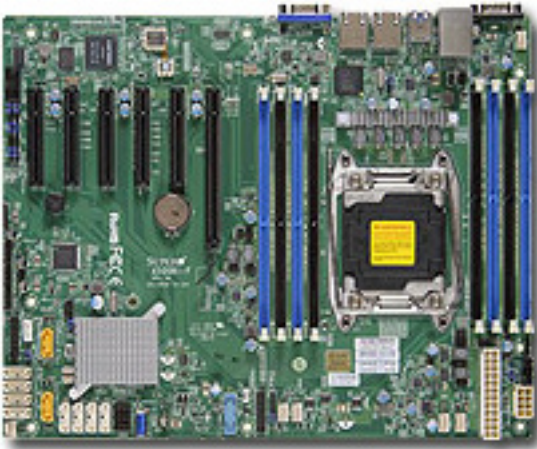
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Supermicro X10SRi-F Motherboard

I1065R1 SPECIFICATIONS

Form Factor:	1U rackmount
Processor / System Bus:	Single Socket R3 (LGA2011) 1x Intel Xeon E5-1600/2600 processor family supports up to 18 cores per processor and 45MB of cache per CPU
Dimensions:	17.2" (W) x 19.85" (D) x 1.7" (H)
Core Logic:	Intel C612
Memory:	Up to 512GB ECC DDR4 2133MHz LRDIMM; 8x DIMM slots
Expansion Slots:	1x PCIe 3.0 x16 slot 1x full height, half length I/O expansion slot
Storage:	10x SATA3 (Gbps) via C612
HDD Bays:	4x 3.5" hot swap SAS/SATA HDD bays
Networking:	Intel i350-AM2 dual port GbE LAN
On-Board I/O:	4x USB 3.0 ports 8x USB 2.0 ports
Expandability:	1x VGA 2x COM 1x TPM 2x SuperDOM with built-in power
Optical Drive:	1x Slim DVD ROM drive (optional)
Fans:	4x 4cm PWM fans
Management Solution:	Remote management with dedicated NIC
Power Supply:	350W fixed or 400W redundant power supplies
Warranty:	Multiple warranty options