



Nobilis i1066R2 2U Rackmount Server

Mainstream application optimized server
Intel Xeon E5-1600 v3 (2600 v4) processor
Up to 512GB DDR4 memory
Multiple I/O expansion slots for scalability

Designed for today's data intensive environments, the **Nobilis i1066R2 2U rackmount server** is optimized for mainstream applications and features a single processor solution that supports high memory capacity plus storage expansion. It is configured with 8x 3.5" hot swap/2x 3.5" fixed HDDs, up to 512GB ECC DDR4 memory, support for up to 18 cores, 6 PCIe Gen 3.0 slots, and multiple I/O expansion slots for scalability. This single socket processor features a motherboard that supports an Intel® Xeon® E5-2600 v4 and E5-1600 v3 family processor and dual GbE network ports, making this the right solution for purpose-built embedded appliances, storage, datacenter and the cloud.

E5-1600 v3 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 v3 (2600 v4) family
(supports up to 18 cores per processor
and 45MB of cache per CPU)

Chipset

Intel C612

Form Factor

2U Rackmount

Storage

8x 3.5" hot swap and 2x 3.5"
fixed SAS/SATA HDD bays

Power Supply

560W fixed or 720W
redundant power supplies

Networking

Intel i350-AM2 dual
port GbE LAN

Memory

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

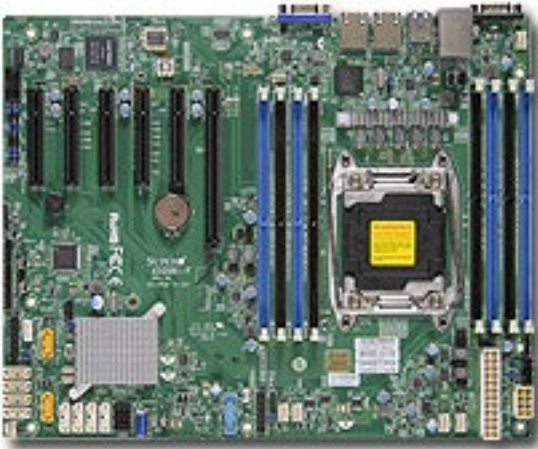
Contact Information

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Supermicro X10SRi-F Motherboard

I1066R2 SPECIFICATIONS

Form Factor:	2U rackmount
Processor / System Bus:	Single Socket R3 (LGA2011) 1x Intel Xeon E5-1600 v3 (2600 v4) processor family (supports up to 18 cores per processor and 45MB of cache per CPU)
Dimensions:	17.2" (W) x 25.5" (D) x 3.5" (H)
Core Logic:	Intel C612
Memory:	Up to 512GB ECC DDR4 2133MHz LRDIMM; 8x DIMM slots
Expansion Slots:	6x low profile PCIe Gen 3.0 slots 2 PCIe 3.0 x8, 1 PCIe 3.0 x4 (in x8), 1 PCIe 3.0 x16, 1 PCIe 2.0 x2 (in x8), 1 PCIe 2.0 x4 (in x8)
Storage:	10x SATA3 (Gbps) via C612
HDD Bays:	8x 3.5" hot swap SAS/SATA HDD bays 2x fixed 3.5" drive 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:	Adjustable air shroud
Management Solution:	Remote management with dedicated NIC
Power Supply:	560W fixed or 720W redundant power supplies
Warranty:	Multiple warranty options