Supporting enterprise and medium businesses, the Nobilis i2069R2 2U rackmount server features a flexible design that supports fixed or redundant power supplies and 6 expansion slots. It is configured with 8x 3.5” HDD bays with support for 2.5” SSDs, 16 DDR4 DIMMs, 6 PCIe slots, and a motherboard that supports dual Intel Xeon E5-2600 v4 processors and integrated dual 1GbE or 10GbE NICs, making this the right solution for purpose-built embedded appliances, storage, datacenter and the cloud.

Key Features
- Supports two Intel® Xeon® processor E5-2600 v4 family, 145W maximum
- 16x memory sockets support LR/U/R/NV-DIMMs, up to 1 TB total memory
- 6x PCIe 3.0 slots (3x PCI-E x16 and 3x PCI-E x8) available for maximum I/O capacity
- Integrated dual 1 GbE or dual 10 GbE Ethernet port options

Specification Highlights

**Processor**
2x E5-2600 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” HDD hot swap bays with support for 2.5” SSDs

**Power Supply**
563W fixed or 720W redundant

**Networking**
2x 1GbE or 2x 10GbE

**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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# Motherboard Specifications

| Processor / System Bus: | Socket R3 (LGA2011-3)  
2x E5-2600 v4 family (supports up to 18 cores per processor and 45MB of cache per CPU) |
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Core Logic:</td>
<td>Intel C612</td>
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</tbody>
</table>
| Memory:                 | 16x DDR4 ECC REG 2133MT/s DIMM sockets supporting up to 1TB LRDIMM, 512GB ECC RDIMM Memory Type: DDR4 ECC 2133/1866/1600MHz ECC SDRAM 72-bit  
DIMM Sizes: RDIMM: 32GB, 16GB, 8GB, 4GB |  
LRDIMM: 64GB, 32GB |
| Storage:                | 10x SATA3 ports  
Support software RAID 0, 1, 5, 10 |
| Expansion Slots:       | 6x PCIe 3.0 slots (3x PCI-E x16 and 3x PCI-E x8) |
| Networking:            | 2x 1Gb/s or 2x 10Gb/s LAN ports |

# Chassis Specifications

<table>
<thead>
<tr>
<th>Form Factor:</th>
<th>2U rackmount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions:</td>
<td>3.5&quot; (H) x 17.2&quot; (W) x 25.5&quot; (D) x 50 lbs.</td>
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<tr>
<td>HDD Bays:</td>
<td>8x 3.5&quot; HDD hot swap bays with support for 2.5&quot; SSDs</td>
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</tbody>
</table>
| On-Board I/O:           | 2 x USB 3.0 ports  
9-pin serial port  
1 x VGA |
| Power Supply:           | 563W fixed or 720W redundant power supplies |