Designed for today’s data intensive environments, the Nobilis i1067TW pedestal 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/2x 5.25” HDD bays, up to 512GB ECC DDR4 memory, support for up to 18 cores, 6 PCIe 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 v3 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 or E5-2600 v3 family (supports up to 18 cores per processor and 45MB of cache per CPU)

**Chipset**

Intel C612

**Form Factor**

Pedestal

**Storage**

4x 3.5” hot swap SAS/SATA and 2x 5.25” HDD bays

**Networking**

Intel i350-AM2 dual port GbE LAN

**Power Supply**

665W low noise fixed power supply

**Memory**

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

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**Contact Information**

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### Nobilis i1067TW Pedestal Server
Mainstream application optimized server  
Intel Xeon E5-1600 v3 processor  
Up to 512GB DDR4 memory  
Multiple I/O expansion slots for scalability

### I1067TW SPECIFICATIONS

<table>
<thead>
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<th>Feature</th>
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<td>Form Factor</td>
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</table>
| Processor / System Bus       | Single Socket R3 (LGA2011)  
1x Intel Xeon E5-1600 v3 or E5-2600 v3 processor family (supports up to 18 cores per processor and 45MB of cache per CPU) |
| Dimensions                   | 7” (W) x 20.9” (D) x 16.8” (H)                                               |
| Core Logic                   | Intel C612                                                                     |
| Memory                       | Up to 512GB ECC DDR4 2133MHz LRDIMM; 8x DIMM slots                             |
| Expansion Slots              | 6x PCIe Gen 3.0 full height 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                     | 4x 3.5” hot swap SAS/SATA HDD bays (with SES2 support) 2x 5.25” 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                                              |
| Fans                         | 1x 9cm PWM cooling fan  
1x 12cm PWM exhaust fan                                                        |
| Management Solution          | Remote management with dedicated NIC                                           |
| Power Supply                 | 665W low noise fixed power supply                                             |
| Warranty                     | Multiple warranty options                                                    |