



1U 5500/5600-Series Server

The 1U NEBS-compliant server is equipped with an Intel® 5500 series Server Board, two Intel® Xeon® 2.0Ghz or 2.53Ghz quadcore processors or 2.0Ghz or 2.4Ghz six-core processors, either a single 550W AC or DC power supply, or dual redundant 750W AC or DC power supplies, a fixed 2½" internal drive mounting, and either a single 3½" hot swappable drive shuttle or four 2½" hot swappable drive shuttles.

PN: OSS-MB-1U-SYS-5500/5600

Features

- Supports single or dual 2.0Ghz or 2.53Ghz quad core Intel® (Nehalem) Xeon® processors or single or dual 2.0 or 2.4 Intel (Westmere) 6-core processors
- One to 5 internal 2½" drives
- Either a single mounting 3½" hot swappable drive shuttle or four 2½" hot swappable drive shuttles
- One 550W AC or DC power supply or Dual 750W redundant AC or DC power supplies



Specifications

Intel® Server Board 5500 Series:	Dual socket LGA1366 supports 5500 CPUs (Nehalem) and 5600 CPUs (Westmere) Dual Gigabit Ethernet connections Integrated Graphics 12 DDR3 DIMM sockets SATA RAID level 0/1/10 with optional RAID 5 6 SATA ports
CPU:	L5638 2.0Ghz (Westmere) 6-core, 60W L5646 2.4Ghz (Westmere) 6-core, 80W E5508 2.0Ghz (Nehalem) quadcore, 38W E5540 2.53Ghz (Nehalem) quadcore, 80W
Input/Output PCI:	1 PCI Express x16 Gen 2 slot
Storage Capacity:	1 internal fixed 2½" drive Either 1 hot swappable 3½" drive or 4 hot swappable 2½" drive shuttles or 1 hotswappable 2½" shuttle
Dimensions:	17" wide x 1.75" high x 21" deep
Cooling Fans:	Six 23CFM fans plus power supply fan providing front-to-rear airflow
Air Filter:	Removable air filter bracket with thumb screws Air filter: One 30 ppi (pores per inch) air filter, open cell, polyfoam, UL 900 rating
Chassis:	USB connector on front panel DC input terminals on each module AC plug on each module Cable hold-down support on rear of enclosure
Weight:	<20kg
Overall MTBF:	100,000 hours across all components
Construction:	Clear zinc plated (20 and 18 gauge) cold rolled steel
Power Supply	550W input power supply or Dual redundant 750W power supplies
AC:	Single input on rear panel Dual inputs on rear panel
-48VDC	Dual inputs on rear panel
Outputs:	+5V @ 30A, +12V @ 11A, -12V @ 1A, +3.3V@ 22A, -5V @ 1A +5V @ 22A, +12V @ 62A, -12V @ 0.5A, +3.3V@ 22A, +5VUSB @ 3.0A