



## 3U 5000-Series Server

3U NEBS-compliant server is equipped with Intel® 5000 series Server Board, two Intel® Xeon® 2.0Ghz quad-core processors, dual 500W AC or DC output power supplies, a fixed 2½" internal drive shuttle, and either a 3½" hot swappable drive shuttle or four hot swappable 2½" drive shuttles

PN: OSS-MB-3U-SYS

### Features

- Supports dual 2.0Ghz quad core Xeon® processors
- One internal 2½" drive shuttle
- Choose either a 3½" hot swappable drive shuttle or four 2½" hot swappable drive shuttles
- Dual 500W AC or DC power supplies
- NEBS-certified



## Specifications

<b>Intel® Server Board 5000 Series:</b>	Dual quad-core Intel® Xeon® 2.0Ghz processors Dual Gigabit Ethernet connections Integrated Graphics 32GB ECC FBDIMMs (8 DIMMs) Two integrated SATA ports supporting RAID0/1/10 with optional RAID 5 • Integrated ATA • 4-port SAS controller with RAID 0/1/10 and optional RAID 5
<b>Input/Output PCI:</b>	Two PCI Express x8 slots Two PCI Express x4 slots One PCI-X 100/133 MHz 1 x PCI-X 100 MHz
<b>Storage Capacity:</b>	1 internal fixed 2½" drive Either 1 hot swappable 3½" drive or 4 hot swappable 2½" drive shuttles.
<b>Cooling Fans:</b>	Three 46.6CFM fans plus power supply fan providing front-to-rear airflow
<b>Air Filter:</b>	Removable air filter bracket with thumb screws Air filter: One 30 ppi (pores per inch) air filter, open cell, polyfoam, UL 900 rating
<b>Chassis:</b>	USB connector on front panel Dual DC input on rear with internal Or-ing board (DC version) Cable hold-down support on rear of enclosure
<b>Weight:</b>	<20kg
<b>Overall MTBF:</b>	100,000 hours across all components
<b>Construction:</b>	Clear zinc plated (20 and 18 gauge) cold rolled steel
<b>Power Supplies:</b>	500W input power supply
<b>AC:</b>	Dual input on rear panel
<b>-48VDC:</b>	Dual input on rear panel
<b>Outputs:</b>	+5 @ 30A, +12V @ 11A, -12V @ 1A, +3.3V @ 22A, -5V @ 1A

<p>Operating Environment:</p>	<p>Temperature Range: 0° to 50°C (32° to 122°F)  Relative Humidity: 10 to 90% non-condensing  Shock: 30g acceleration peak (11ms pulse)  Vibration: 5-17 Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration</p>
<p>Agency:</p>	<p>Meets or exceeds the following requirements:</p> <ul style="list-style-type: none"> <li>• NEBS-compliant, FCC Class A</li> <li>• Safety UL/CSA-60950-1, EN60950-1, IEC60950-1, CB Scheme with all country deviations, IEC825-1, 2, CFR21 part 1040, CNS1436, GB4943</li> <li>• RFI/EMC EN55022 Class A, 47 CFR 15B Class A, ICES-003 Class A, VCCI Class A, AS/NZ 3548 Class A, CNS 13438 Class A, KSC 5858 Class A, GB9254 Class A, EN61000-4-6, GB17625.1, EN6100-3-3</li> <li>• Immunity EN55024, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000 4-5, IEC 61000-4-6, IEC-61000-4-8, IEC 61000-4-11</li> <li>• Regulatory markings CE, FCC, ICES-003, VCCI, UL/cUL</li> <li>• Certified to NEBS level 3</li> </ul>