

## Freedom Server System U6550 Features

Features	Benefits
<b>64-bit Multi-Core Intel® Xeon® processor</b>	Improves performance and headroom, and provides scalability and system redundancy with multiple virtual applications.
<b>Sixteen fully buffered 533/667 MHz DIMMs</b>	Up to 64GB of memory capacity that is ideal for database, ERP and server consolidation.
<b>Dual Gb Ethernet with Intel® I/O Acceleration Technology (Intel® I/OAT)</b>	Improves application and network responsiveness by moving data to and from server applications faster.
<b>Four PCI Express slots</b>	Provides the I/O bandwidth needed by servers.
<b>Integrated server management</b>	Lowers IT operating costs and increases system uptime.
<b>Up to six SATA 3Gb/s ports</b>	Supporting RAID 0, 1, 10 with optional AXXRAKSW5 for RAID 5.
<b>Hot-plug SAS or SATA</b>	Optional hot-plug support for high-performance enterprise class SAS or SATA drives.
<b>Hot-Swap Fans</b>	Upgradeable to hot-swap fan support to improve reliability, availability and serviceability. <sup>1</sup>

## Freedom Server System U6550 Specifications

Processors Supported	Multi-Core Intel Xeon 5000 Processor Sequence
<b>System Memory</b>	
Memory Capacity	64GB ECC FBDIMMs (16 DIMMs).
<b>Integrated On-Board</b>	
Chipset	<a href="#">Intel® 5000P Chipset</a>
Intel® Server Network Connection	Dual Intel® Gigabit Ethernet connections (Intel® 82563EB Network).
Integrated Graphics	ATI* with 16MB memory.
<b>Integrated Storage Support</b>	
Integrated ATA	One channel supporting up to two IDE devices.
Integrated SATA Ports	Support for six SATA ports at 3.0 Gb/s with RAID 0, 1, 10 and optional AXXRAKSW5 for RAID 5.



HDD Configuration	Support for 6 Fixed drives <b>With AXX6DRV3G Accessory</b> Support for 6 hot-plug SAS (Requires SAS controller) or SATA (Requires SAS or SATA controller) drives <b>With AXX6DRV3GEXP Accessory</b> Support for 6 hot-plug SAS or SATA drives (Requires SAS controller)
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**Freedom Server System U6550 Specifications (Continued)**

**Input/Output**

PCI	2 x PCI Express* x8 1 x PCI Express x8 (x8 Connectors) 1 x PCI Express x4 (x8 Connectors) 1 x PCI-X 100/133 MHz 1 x PCI-X 100 MHz
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**Power Supply**

Redundant power capable	830-watt, dual-line cord, 1+1 PFC, fully redundant configuration (requires second power module FXX830WPSU).
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1 Hot-swap fan support is only available for Intel® Xeon® processors 5100 Series and 5300 series (E5345, E5320 and E5310 only).

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