

IBM System x3850 X5

Flagship System x platform for leadership scalable performance and capacity

Versatile 4-socket, 4U rack-optimized scalable enterprise server provides a flexible platform for maximum utilization, reliability and performance of compute- and memory-intensive workloads.

Maximize Memory

- 64 threads and 1TB capacity for 3.3x database and 3.6x the virtualization performance over industry 2-socket x86 (Intel Xeon 5500 Series) systems
- MAX5 memory expansion for 50% more virtual machines and leadership database performance

Minimize Cost

- Lower cost, high performance configurations reaching desired memory capacity using less expensive DIMMs
- eXFlash 480k internal IOPs for 40x local database performance and \$1.3M savings in equal IOPs storage

Simplify Deployment

- FlexNode Partitioning and Automatic Node failover for maximum flexibility and application uptime
- Pre-defined database and virtualization workload engines for faster deployment and faster time to value



System Specifications

- ✓ 4x next-generation Intel Xeon Nehalem EX CPUs
- ✓ 64 to 96 DDR3 DIMMs
- ✓ 6 open PCIe slots (+ 2 additional)
- ✓ Up to 8x 2.5" HDDs or 16x 1.8" SSDs
- ✓ RAID 0/1 Std, Optional RAID 5/6
- ✓ 2x 1GB Ethernet LOM
- ✓ 2x 10GB Ethernet SFP+ Virtual Fabric / FCoE
- ✓ Scalable to 8S, 192 DIMM
- ✓ Internal USB for embedded hypervisor
- ✓ IMM, uEFI & IBM Systems Director

x3850 X5: 4-socket 4U x86 (Nehalem EX) platform

