

NEX Telephony Server

Build to Order, Computer Telephony Servers



Your phone system is the lifeblood of your business and the computer that runs your voicemail, call center, or automated attendant applications, is the heart of your system. The NEX Telephony Server is designed to run 24 hours a day, 7 days a week. NEX systems have proven their reliability with thousands in current use today. Every server is built with industrial quality system boards and components, including embedded processors and a heavy-duty steel chassis. Systems can be built with as many PCI or ISA slots as you need. Reliability is built into every server with redundant hard drives, power supplies, and network adapters.

Form Factor

4U Rackmount, 20-slot PICMG Backplane, and Single Board Computer.

Chassis

Slide-n-lock top & bottom covers for easy access with three-screw design, 3x120mm 105 CFM center mount hot swappable cooling fans, Height 7" x Width 19" x Depth 26", Five 5.25" external drive bays, One 3.5" external drive bay.

Single Board Computer Options

SBC options are associated with three different SBCs, with different processors:

- Single PIII processor up to 1.26GHz with 133 FSB.
- Single P4 processor up to 2.6GHz with 400 FSB.
- Dual PIII processors up to 1GHz with 133 FSB.

All SBCs are equipped with an integrated graphic controller; dual, fast Ethernet adapters; two IDE channels; two serial ports; and one parallel port. A Gigabyte Ethernet interface is available as an option only for the PIII SBC.

Backplane Options

Passive ISA, 20-slot Backplane or PCI Bridged, 20 – slot Backplane. Other options are also available.

Power Supply

Front access 460W+230W N+1 load sharing, redundant, hot-swap, power supplies.

System Memories

Standard systems include a 168-pin 512MB DIMM SDRAM, up to 2GB maximum total.

Modem

US Robotics/3COM PCI 56k Internal Hardware Modem.

Hard Drives

Standard SCSI systems include three Seagate 18GB Ultra3/160 10K RPM hard drives in hot-swappable carriers with a LSI MegaRAID controller. Larger and higher performance hard drives are also available.

Other Drives

Floppy and 40x CD-ROM Standard, CD-RW, DVD, ZIP, and 40GB Tape Backups, are available as options.

Other Devices

PS/2 Mouse and 104-key Keyboard Standard.

Operating System

Standard systems include Windows 2000 Professional. Window 2000 Server, Window NT Server, Window NT 4.0 with Service Pack 6, and OS/2 Warp also available.

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