

320Ma FT RFQ Product Description

The following specifications can be used in customer RFQs to describe NEC 320Ma FT Servers. The specifications are written specifically enough so that only NEC FT servers will meet the specs but generally enough so they cover both current and future members of the FT family.

- The server shall have no single point of failure. All components shall have a redundant twin component that can almost instantaneously take over the specific components duties in the event of a failure by the primary component. Fail over shall be transparent to the operator except for a notification of primary component failure. There shall be no loss of data or operational capabilities in the event of a failure.

- All hardware components shall be hot-swappable. The components shall include CPUs, memory, motherboards, hard disk drives, PCI components and on-board NICs. There shall be no application interruption during the physical replacement of any of the listed hardware components.

- The server shall require one copy only of Microsoft Windows Server 2003 Enterprise Edition.

- All hardware modules shall have LED status indicators that visibly display the current state of all hardware modules.

- Integral Management Software shall be included with the server that provides SNMP Device Management. The server shall include onboard Baseboard Management Controllers (BMC) to allow for remote management of the server and its components.

- The server shall require a single copy only of the specific Microsoft Windows based application. This application shall be the standard (non-cluster aware) version.

- The server shall include software that allows for monitoring of all software applications. The monitoring software shall automatically restart any failed application and reboot the server, if required.

- The server shall be capable of expansion to support a disaster tolerant configuration should this option be required in the future.

- The server's dimensions shall meet industry standards for rack mount installation. The unit rack height shall be 4U (7.0" or 177.8mm) and 19" in width"