Up to 8 high performance Dual-Core Intel® Itanium® processors, will support your most demanding applications. Fujitsu’s exacting TRIOLE IT environment strategy; secure business continuity (reliability/stability/availability), transaction systems, PRIMEQUEST has the flexibility, performance and robust scalability you require. Built to Fujitsu’s exacting TRIIE IT environment strategy; secure business continuity (reliability/stability/availability), business agility (flexibility/scalability/performance), and business efficiency (asset protection/consolidation/ manageability), make PRIMEQUEST the ideal solution for Windows and Linux 64-bit environments.

Reliability/Stability/Availability
PRIMEQUEST’s “System Mirroring Feature” eliminates single points of failure. All main components support hot-swap and can be replaced without having to halt applications. Robust hardwire isolation of partitions and independent I/O connection flexibility, ensure all changes are fully contained within each partition and do not effect any other processes.

Flexibility/Scalability/High Performance
Up to 8 high performance Dual-Core Intel® Itanium® processors, will support your most demanding applications. Partitioning, with its separation of CPU, Memory and I/O and “cable-less” design, enables a greater range of hot system changes and configurations. With PRIMEQUEST, CPU resources, I/O resources and cabling can always match changing demands, at your command.

Asset Protection/Consolidation/Manageability
PRIMEQUEST servers are designed to evolve in-line with Intel’s Itanium processor roadmap; with existing CPUs supported across multiple generations. Your ability to choose standard Linux & Windows also means you can optimize your applications throughout their useful life. The special in-built management processors further simplify operation and give you much greater control over your server’s workloads.

PRIMEQUEST 520A: Main Features
- Processor: Up to 8 Processors (Dual-Core Intel® Itanium® Processor)
- Crossbar performance: Max. 17.1GB/s per systemboard, 34.1GB/s peak bandwidth
- Memory: Max. 256GB
- Up to 4 partitions
- Best ever business continuity, efficiency and flexibility in an open systems server, based on mainframe-class reliability and performance design.

Based on Fujitsu’s advanced technology and innovations, PRIMEQUEST is the IA server with real mission critical capability. The unique “Dual Synchronous System Architecture” underpins world-leading high availability and performance, providing you with the best in cost effective open business critical infrastructure.

Whether operating large-scale systems, consolidating databases or servers, or delivering non-stop online transaction systems, PRIMEQUEST has the flexibility, performance and robust scalability you require. Built to Fujitsu’s exacting TRIIE IT environment strategy; secure business continuity (reliability/stability/availability), business agility (flexibility/scalability/performance), and business efficiency (asset protection/consolidation/ manageability), make PRIMEQUEST the ideal solution for Windows and Linux 64-bit environments.
Up to 8 high performance Dual-Core Intel® Itanium® processors, will support your most demanding applications. Robust hardware isolation of partitions and independent I/O connection flexibility, ensure all changes and configurations. With PRIMEQUEST, CPU resources, I/O resources and cabling can always match changing demands, at your command.

Asset Protection/Consolidation/Manageability
PRIMEQUEST servers are designed to evolve in-line with Intel’s Itanium processor roadmap; with existing CPUs supported across multiple generations. Your ability to choose standard Linux & Windows also means you can optimize your applications throughout their useful life. The special in-built system mirroring feature gives you much greater control over your server’s workloads.

PRIMEQUEST 520A - Main Features
- Processor: Up to 8 Processors/16-Cores (Dual-Core Intel® Itanium® Processor)
- Crossbar performance: Max. 17.1GB/s per systemboard, 34.1GB/s peak bandwidth
- Memory: Max. 256GB
- up to 4 partitions
- Best ever business continuity, efficiency and flexibility in an open systems server, based on mainframe-class reliability and performance design.

Specifications

- **Processor**
  - Type: Dual-Core Intel® Itanium® Processor
  - Clock speed: 9150N (1.560GHz), 9190N (1.560GHz)
- **Cache**
  - (per processor): Level 3 24MB L3 Cache
- **Memory**
  - Max. 8 processors (16 Cores)
- **Hard disk drive**
  - Max. 8GB HDD x 8
- **Drives**
  - Internal DVD-ROM drive
- **Standard interface**
  - 1000BASE-T x 4, 100BASE-TX x 1 ports
- **Serial**
  - 1 port (D-Sub 9pin) per partition
- **USB 2.0**
  - 2 port per partition
- **Dimensions**
  - Weight: 15kg (33.0lb)
  - Height x Width x Depth: 530 x 462 x 820 mm (20.9 x 19.0 x 32.3 inches)
- **Power requirements**
  - Operating voltage: 90-264 VAC +/- 10%
  - Frequency: 50/60Hz +/- 5%
- **Environmental specifications**
  - Temperature: 5-35°C (41-95°F) at 1000m altitude
  - Humidity: 20-80%
- **RAS features**
  - Redundant components
  - Hot swap components
  - PSU, FAN, DIMM*, X-BAR* (in System Mirror mode/Option)
- **Supported OS**
- **Hot pluggable components**
  - PSU, FAN, PCI Card, SB, IO Unit
- **Redundant components**
  - PSU, FAN, Disk, PCI Card, SB, IO Unit
- **Hot swap components**
  - PSU, FAN, Disk, PCI Card, SB, IO Unit

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Fujitsu Limited
http://www.fujitsu.com/primequest

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Microsoft® Windows Server® 2003, Datacenter Edition for Itanium-based Systems

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