

# Hardware Supply

Telehouse has partnered with leading equipment manufacturers to offer our customers top of the range servers and network switches at discounted prices to help build a more efficient data centre environment. Whether you are looking to refresh your current systems located in our data centres or to upgrade specific hardware on an ad-hoc basis, our catalogue of high performance, flexible and affordable products will ensure your equipment needs are met.

## Fujitsu Primergy Servers:

Reduced budgets mean IT departments need to become more flexible. And it's not just about hardware - it's also about solutions. Based on industry standard architectures, Primergy servers are the best answer to the 'do-more-with-less' challenge. By helping organisations improve operational efficiency, Primergy servers pay for themselves over and over again.

### Primergy BX900 S1:



The Fujitsu PRIMERGY RX900 S1 is a highly scalable 8-socket rack server based on Intel® Xeon® Processor 7500 series. Ideally designed for mission critical back-end services, scale-up enterprise workloads and high performance database processing.

**Characteristics:** The Dynamic Cube - complete dynamic server infrastructure in a single chassis

**Type:** 10U chassis for 19-inch rack

**Dimensions (WxDxH):** 445 x 778 x 438mm

**Front Bays:** 18 half height or 9 full height bays for server or storage blades

**Mid Plane:** High speed midplane with 4 redundant fabrics

**Rear Bays:** 8 x connection blades (2 connection blades per fabric) 6 x for PSU modules

**Management Blades:** 1 x hot-plug management blade as standard, redundant management blade as option

**Fan configuration :** Two fan units per PSU module (2 fans per fan unit)

**Power supply configuration:** Up to 6 x hot-plug power supply module, 3 x as standard (4th to 6th power supply module necessary for redundancy, depending on system configuration)

**Connection blade type:** FC switch 8 Gb Brocade 26 Port / Eth switch/IBP 1 Gb 36/12 / Eth switch/IBP 1 Gb 36/8 + 2 / Eth switch/IBP 10 Gb 18/8 / IB switch 40 Gb 18/18

### Primergy RX200 S6:



The PRIMERGY RX200 S6 for maximum productivity - if efficiency is the key decision factor. More performance, higher expandability and greater reliability packed in a flat rack housing of only 1U – with a significantly improved performance / power consumption ratio.

**Characteristics:** Maximum productivity at minimum space

**Type:** Dual socket rack server

**Height units:** 1U

**Processor:** Intel® Xeon® processor 5500/5600 series

**Memory capacity:** 2GB - 192GB, 12 DIMM (DDR3)

**Hard disk configuration:** 6 x 2.5 inch or 8 x 2.5 inch

**Hard disk hot-plug:** HDD SATA 2.5-inch 160/500 GB / HDD SAS 2.5-inch 73/146/300 GB / SSD SATA 2.5-inch 32/64 GB

**Raid 0,1, 5,6:** Optional

**Active power (max.):** 549

**WI/O slots:** 1 x PCIe Gen2 x 4, 2 x PCIe Gen2 x 8

### Primergy RX300 S6:



The PRIMERGY RX300 S6 is a 2U rack server which has been optimized for virtualisation purposes. It provides high, scalable I/O performance, extensive memory options, support for major hypervisor products and top performance with latest Intel® technology.

**Characteristics:** The virtualization powerhouse

**Type:** Dual socket rack server

**Height units:** 2U

**Processor:** Intel® Xeon® processor 5500/5600 series

**Memory capacity:** 2GB - 192GB, 18 DIMM (DDR3)

**Hard disk configuration:** 6 x 2.5 inch or 12 x 2.5 inch

**Hard disk hot-plug:** HDD SATA 3.5-inch 160/250/500/750 GB / HDD SATA 3.5-inch 1 / 2 TB / HDD SAS 3.5-inch 146/300/450/600 GB / HDD SATA 2.5-inch 160/500 GB / HDD SAS 2.5-inch 73/146/300 GB / SSD SATA 2.5-inch 32/64 GB

**Raid 0,1, 5,6:** Optional

**Active power (max.):** 733 W

**WI/O slots:** 5 x PCIe Gen2 x 4, 2 x PCIe Gen2 x 8

## NetAPP Storage Platforms:



Unlock the full potential of your virtualised servers by enabling virtual machine mobility and offloading the work of data protection. Connect to Windows®, UNIX®, and Linux® servers and clients via standard storage protocols and interfaces.

- Enjoy compelling file- and transaction-based performance with high-bandwidth 64-bit architecture and the latest I/O technologies
- Consolidate diverse data sets onto a unified storage platform that offers primary and secondary storage with simultaneous block and file services for business and technical applications
- Instantly expand or contract LUNs or volumes with thin provisioning
- Dramatically reduce your consumption of raw storage, power, cooling, and space with our highly efficient storage utilisation

## Juniper Ethernet Switches:

High-performance, carrier-class Ethernet switches specifically designed to meet the needs of today's branch office, campus, and data centre networks.

### EX2500:



The EX2500 Ethernet switch delivers a compact, energy efficient solution for 10GBE top of rack data centre access deployments.

**Dimensions:** W x H x D) 17.3 x 1.7 x 15 in (43.9 x 4.3 x 38.1 cm)

**Data Rate:** 480 Gbps

**Throughput:** 357 Mpps (wire speed)

**10/100/1000BASE-T Port Densities:**

24 (dual-mode 1/10GbE network ports)

**100BASE-FX / 1000BASE-X (SFP) Port Densities:** N/A

**10GBASE-X Port Densities:** 24

**Resiliency:** Dual load-sharing internal autosensing AC power supplies

**MAC Addresses:** 16,000

**Jumbo Frames:** 9216 Bytes

**Number of VLANs:** VLAN IDs: 1024 VLAN Range: 4096

### EX4200:



The EX4200 Virtual chassis technology combining the availability & reliability of modular systems with the flexibility of stackable switches.

**Dimensions:** (W x H x D) 17.4 x 1.7 x 16.4 in (44.2 x 4.3 x 41.7 cm) 1 rack unit (single switch)

**Data Rate:** EX4200-24P/24T/24F: 88 Gbps / EX4200-48P/48T: 136 Gbps

**Throughput:** EX4200-24P/24T/24F: 65 Mpps (wire speed) / EX4200-48P/48T: 101 Mpps (wire speed)

**10/100/1000BASE-T Port Densities:** 24 / 48 per platform. Up to 480 in Virtual Chassis configuration

**100BASE-FX / 1000BASE-X (SFP) Port Densities:** 24 per switch; 28 with optional four-port GbE uplink module. Up to 280 in Virtual Chassis configuration

**10GBASE-X Port Densities:** per switch (via optional two-port 10GbE uplink module). Up to 20 in Virtual Chassis configuration

**Resiliency:** Internal, hot-swappable redundant power supply; field-replaceable fan tray with three fans; graceful Route Engine switchover (GRES) in Virtual Chassis configuration

**MAC Addresses:** 24,000

**Jumbo Frames:** 9216 Bytes

**Number of VLANs:** 4096

FAS3100 Series Overview	FAS3140	FAS3160	FAS3170
Storage networking support	FC SAN (FCP), IP SAN (iSCSI, FCoE), NAS (NFS, CIFS)		
Maximum raw capacity	420 TB	672 TB	840 TB
Maximum disk drives	420	672	840
Controller architecture	64-bit	64-bit	64-bit
Controller form factor	1 or 2 controllers in a single 6U chassis	1 or 2 controllers in a single 6U chassis	1 or 2 controllers in a single 6U chassis
Memory	8 GB	16 GB	32 GB
Maximum 4Gb/sec FC ports	40	40	40
Support for 8Gb/sec FC Maximum Ethernet ports	36	36	36

### EX4500:



The EX4500 Ethernet switch delivers a scalable, compact high performance platform for 10Gbps data centre & service provider deployment.

**Dimensions:** (W x H x D) 17.3 in x 3.4 in x 21 in (43.9 cm x 8.6 cm x 50.2 cm) 2 rack units

**Data Rate:** 960 Gbps (full duplex)

**Throughput:** 714 Mpps

**10/100/1000BASE-T Port Densities:**

40 1000BASE-T ports in base unit (48 total with optional uplink modules) via copper SFP optics

**100BASE-FX / 1000BASE-X (SFP) Port Densities:** 40 1000BASE-X SFP ports in base unit; 48 total with optional uplink modules

**10GBASE-X Port Densities:** 40 in base unit; 48 total with optional uplink modules

**Resiliency:** Dual internal load sharing AC power supplies; redundant variable-speed fans

**MAC Addresses:** 24,000

**Jumbo Frames:** 9216 Bytes

**Number of VLANs:** 4,096

## Home to your global ICT solutions

Telehouse now offer full end-to-end ICT solutions from design to implementation such as IP connectivity, system integration, LAN and software installation, system monitoring and virtual servers as well as premium data centres.

Speak to a member of our sales team regarding your requirements and we will propose the right solution for you. Telehouse can also assist in improving the efficiency of your existing IT infrastructure and the management of a comprehensive IT migration plan.

### Contact Our Sales Team:

Telehouse International Corporation, Coriander Avenue, London, E14 2AA

**T:** +44 (0) 207 512 0550

**E:** sales@uk.telehouse.net

**W:** www.telehouse.net

