

# FUJITSU *Servers*

*for Unix*



**FUJITSU**

PCs • NOTEBOOKS • SERVERS

# a natural force in the enterprise

UNIX® has been around for a long time - giving time for many functional improvements to be developed, incorporated and fully proven, and provide for a plethora of UNIX skills availability.

Which means for the enterprise space, today, UNIX is the reliable choice for your business. Combined with Fujitsu's award-winning range of teamservers and superservers it offers greater stability, better robustness, higher availability and reliability than any other environment - one on which you can trust your business critical applications and databases.

Of course, UNIX's benefits can be taken advantage of anywhere in your business, from the smallest workgroup right up to clustered servers or those offering the capabilities of ccNUMA technology.

Fujitsu's experience in UNIX systems is unrivalled - coming from more than ten years of designing, manufacturing, and selling systems like this to thousands of businesses all over the world in retail, banking, manufacturing, central and local government - you name it!

Today, our customers are reaping the benefits of a stable, scaleable environment that has grown to accommodate changing business needs over the years.

## Fujitsu's UNIX servers offer:

Product integration without compromise through our collaboration with leading processor manufacturers, database vendors and software houses, and conformance to international standard communication protocols.

Protection of your IT investment through built-in expansion and upgrade capabilities so that your systems can keep pace with business growth.

Customer support that is second to none. Our three year warranty\* covers parts, labour and on-site service. Moreover, we can design a service package that is exactly right for you.

## The Fujitsu i-series server range:

Our close collaboration with SCO™, the UNIX market leader, brings you the choice of SCO UnixWare™ and SCO OpenServer™ on our Intel-based server range.

### ■ **teamserver Ci the choice for easy networking**

The teamserver Ci is based on the latest Pentium® and Pentium® Pro processor technology, and is the ideal entry-level LAN server for small to medium workgroups

### ■ **teamserver Gi the departmental workgroup choice**

Based on Pentium and Pentium Pro processor technology, the teamserver Gi is ideal as a medium to large 'file and print' LAN server, as well as small to mid-sized applications or database platforms. It is upgradeable from single to dual and from Pentium® to Pentium® Pro processors

### ■ **superserver Ji multiprocessor power for the enterprise.**

At the high end, the superserver Ji offers record breaking performance based on Pentium Pro processors. The servers are available in single up to quad, offering consistent high performance as demonstrated by their AIM and TPC benchmark™ results

### ■ **Rackmount systems for space saving and security**

We offer a rackmount version of our Ji and an option to mount standard Ci and Gi teamservers on sliding shelves

## Fujitsu i-series and SCO UnixWare:

■ SCO UnixWare 2 is based on the latest release of UNIX SVR4.2MP and now includes Novell® NetWare 4.1® File/Print and NetWare Directory Services® (NDS)®, making it the ideal platform for integrating Novell-based networks with UNIX-based environments

■ SCO UnixWare 2 is fully certified on all the platforms in Fujitsu's Intel server range, and fully validated with our range of added value software including:

- support for a complete networking environment, with Internet, ICL, IBM and UNIX interconnect and other facilities including OSI (LAN, X.25 WAN, TCP/IP, Tuxedo®); SNA emulation (UNIX and IBM); networking applications (e.g. FTAM, FTF, ADI); LAN Manager for UNIX (file and print to a range of PC clients); and NETBIOS (client-server applications)



**SCO UnixWare**  
Enterprise power on Intel processors



- an optimised approach to delivering the best performance from all the leading relational databases: ORACLE™, INFORMIX™, CA-OpenIngres®, ADABAS®, SYBASE™, and PROGRESS®
- additional systems reliability using the Fujitsu ManageWare suite of products, including High Availability Manager which provides the ideal solution for mission-critical applications by ensuring that no single component failure will result in prolonged service interruption
- continuous, remote monitoring of the server hardware to provide systems management and early warning of faults, using the Fujitsu servermanager suite of products
- Fujitsu is a key partner with SCO in the nine-company strong industry consortium referred to as the 'Big E' aimed at establishing SCO UnixWare as the standard implementation of UNIX in the volume enterprise market
- 23 leading software vendors have endorsed UnixWare as the standard UNIX Operating System for volume enterprise servers and many ISVs have already ported applications to UnixWare, including Oracle and Peoplesoft
- SCO UnixWare has a clear and defined roadmap leading to the merged UNIX (Gemini) and onwards to the 64-bit unified UNIX - leading to the largest application portfolio ever

\* Dependant on local country terms and conditions

ORACLE®

INFORMIX

COMPUTER  
ASSOCIATES®  
Software superior by design.

SOFTWARE AG

SYBASE®

PROGRESS  
SOFTWARE

### Fujitsu *i*-series and SCO OpenServer:

- SCO OpenServer 5 is fully certified on all the platforms in Fujitsu's Intel server range and offers a massive portfolio of applications
- SCO OpenServer 5 has a clear and defined roadmap merging with SCO UnixWare to create the merged UNIX - Gemini and leading to the 64-bit unified UNIX

### Fujitsu *s*-series and NX Version 7 MPlus:

- Fujitsu's range of SPARC-based teamserver and superserver *s*-series servers are based on high performance hyperSPARC RISC processors
  - The teamserver Gs is based on hyperSPARC technology, and is ideal for running departmental applications and supporting large workgroups. It is available in single and dual configurations with processor upgrades from single to dual, providing maximum flexibility and investment protection
  - The superserver Js is based on hyperSPARC technology and is designed as a medium to large application or database platform. It is available in single, dual and quad configurations with processor upgrades available from single to dual and dual to quad
- All SPARC-based servers come pre-loaded with NX Version 7 MPlus developed by Fujitsu specifically for SPARC architectures. It is a powerful 32-bit server operating system, providing top level performance, with a proven history for reliability and security for business critical systems
- Based on UNIX SVR4.2MP, NX Version 7 MPlus supports a wide range of clients and also offers:
  - support for a complete networking environment, with Internet, ICL, IBM and UNIX interconnect and other facilities including OSI (LAN, X.25 WAN, TCP/IP, Tuxedo); SNA emulation (UNIX and IBM); networking applications (e.g. FTAM, FTF, ADI); LAN Manager for UNIX (file and print to a range of PC clients); and NETBIOS (client-server applications)
  - an optimised approach to delivering the best performance from all the leading relational databases: ORACLE™, INFORMIX™, CA-Openingres® ADABAS®, and PROGRESS®
  - access to hundreds of tried and tested business applications
  - additional systems reliability using the Fujitsu ManageWare suite of products, including High Availability Manager which provides the ideal solution for business critical applications by ensuring that no single component failure will result in prolonged service interruption
  - continuous, remote monitoring of the server hardware to provide systems management and early warning of faults, using the Fujitsu servermanager suite of products

## teamserver Ci

	C580i	C640i
<b>Processor:</b>	1 x 166MHz Pentium	1 x 200MHz Pentium Pro
<b>L2-Cache:</b>	256KB upgradeable to 512KB	256KB integrated Cache
<b>STD memory:</b>	32MB ECC	32MB ECC EDO
<b>Max memory:</b>	384MB ECC	384MB ECC EDO
<b>Std disk:</b>	1 x 2GB Fast SCSI	1 x 2GB Fast & Wide SCSI
<b>Max disk:</b>	10GB Fast SCSI (5 x 2GB)	10GB Fast & Wide SCSI (5 x 2GB) 4GB Fast & Wide SCSI disk will available in Q1-Q2 97
<b>Device bays:</b>	3 x 5.25" (1 occupied by a CD-ROM) 4 x 3.5" (1 occupied by a diskette & 1 occupied by a fixed disk)	
<b>I/O slots:</b>	3 x PCI, 3 x EISA, PCI slot 4 for slave only PCI	3 x PCI, 3 x ISA, PCI slot 4 for slave only PCI
<b>Graphics:</b>	SVGA	
<b>Network adapter:</b>	10MBit PCI Ethernet adapter as Std	10/100MBit PCI Ethernet adapter as Std
<b>CD-ROM:</b>	4 or 8 speed SCSI	8 speed SCSI
<b>Software:</b>	IntraNetWare 4.11 pre-installed	
<b>O/S options:</b>	IntranetWare 4.11, SCO Unixware 2.X, Windows NT Server 4.0, SCO OpenServer release 5	
<b>Warranty:</b>	Three year parts and labour, on-site, next day service in most territories (check with Fujitsu or your supplier for local details).	

## superserver Ji

	J600i
<b>Processor:</b>	Single, dual, quad, 200MHz (J65xi) and 166MHz (J63xi) Pentium Pro
<b>L2-Cache:</b>	512KB per processor
<b>STD memory:</b>	0 or 128MB ECC
<b>Max memory:</b>	2GB ECC (4GB later)
<b>Std disk:</b>	0/2/4/9GB
<b>System Cabinet:</b>	108GB (12 x 9GB) Hot-Pull Drives
<b>Periph. Cabinets:</b>	7 x 48GB Fast SCSI-2
<b>Rackmount:</b>	1.5 Terabytes Fast & Wide SCSI Hot Pull Drives
<b>Device bays:</b>	2 halfheight (1 free), 1 x 3.5" diskette bay (occupied)
<b>I/O slots:</b>	6 x PCI, 3 x EISA, 1 x EISA/PCI
<b>Graphics:</b>	SVGA
<b>CD-ROM:</b>	8 speed SCSI
<b>RAID:</b>	Optional high-performance PCI adapter available
<b>O/S options:</b>	IntranetWare 4.11, SCO Unixware 2.X, Windows NT Server 4.0, SCO OpenServer release 5
<b>Warranty:</b>	Three year parts and labour, on-site, next day service in most territories (check with Fujitsu or your supplier for local details).

## teamserver Gi

	G580i	G640i
<b>Processor:</b>	1 x 166MHz Pentium	1 x 200MHz Pentium Pro
<b>L2-Cache:</b>	512KB Burst Mode	256KB second level Cache
<b>STD memory:</b>	32MB ECC	32MB ECC EDO
<b>Max memory:</b>	512MB ECC	512MB ECC EDO
<b>Std disk:</b>	1 x 2GB Fast SCSI	1 x 2GB Fast & Wide SCSI
<b>Max disk:</b>	32GB Fast & Wide SCSI (8 x 4GB in Hot-Pull bays)	
<b>Device controller:</b>	Fast & Wide SCSI 2 over PCI controller on motherboard	
<b>Device bays:</b>	3 x halfheight 5.25" (1 occupied by a CD-ROM), 1 x diskette bay (occupied)	
<b>I/O slots:</b>	4 x PCI (3 free), 2 x EISA, 1 x PCI/EISA	
<b>Network adapter:</b>	10MBit PCI Ethernet adapter as std	10/100MBit PCI Ethernet adapter as Std
<b>CD-ROM:</b>	4 or 8 speed SCSI	8 speed SCSI
<b>RAID:</b>	Optional high-performance PCI adapter available	
<b>O/S options:</b>	IntranetWare 4.11, SCO Unixware 2.X, Windows NT Server 4.0, SCO OpenServer release 5	
<b>Warranty:</b>	Three year parts and labour, on-site, next day service in most territories (check with Fujitsu or your supplier for local details).	

## Rackmount

<b>23" Rack and accessories</b>	<b>Rack</b> - Width 700mm, height 1980mm (40U), depth 1000mm. Includes front glazed door, rear door, door locks, side panels, plinth and castors and 8 internal cables. <b>Rack Coupling Kit</b> - used to bolt together two adjoining racks. Side panels are removed, allowing cables to run horizontally between racks.
<b>teamserver Ci and Gi</b>	Up to 6 Ci's or 4 Gi's can be stored in a rack (or 4 Ci's or 2 Gi's with console). Ci and Gi systems cannot be mixed. <b>Ci/Gi shelf</b> - for mounting up to 2 Ci's (11U) or 2 Gi's (16U). Each server is mounted on its own slide for easy access.
<b>Rack-mounted superserver J6i</b>	Rackmounted superserver J65xi processor, disk expansion modules and accessories will be released early in 1997.
<b>Power supply</b>	Choice of either a mains distribution kit or Uninterruptible Power Supply
<b>Console Backup Devices</b>	One console can be used to control multiple servers A full range of backup devices is available, including: <b>Exabyte 210 stacker kit</b> - includes tape drive and rack-mount fitting kit. <b>Exabyte 480 stacker</b> - external to the rack. Up to 3 DAT stackers on a General Purpose shelf (4U).
<b>Printers</b>	External printers can be connected using: <b>Printer Extension Cable</b> - 5 metre cables.
<b>Other rack-mounted devices</b>	Other devices can be mounted in the rack using either: 19" to 23" 1U, 3U or 5U <b>Adapter Kit</b> - for mounting 19" rack-mounted devices <b>General Purpose shelf</b> - for non-rack mounted devices
<b>Warranty</b>	Three year parts and labour, on-site, next day service in most territories (check with Fujitsu or your supplier for local details).

## teamserver Gs

	G820s	G822s
<b>Processor:</b>	hyperSPARC	
<b>Clock speed:</b>	Single 142MHz	Dual 142MHz
<b>L2-Cache:</b>	512KB	1MB
<b>STD memory:</b>	0 - configured to order	
<b>Max memory:</b>	512MB ECC - RAM	
<b>Std disk:</b>	2GB	
<b>Max disk:</b>	46GB	
<b>Device bays:</b>	2 x half height, 1 x 3.5" occupied	
<b>Expansion slots:</b>	4 Sbus	
<b>CD-ROM:</b>	4 or 8 speed SCSI	
<b>RAID:</b>	PowerARRAY XLS (optional)	
<b>O/S options:</b>	NX V7 MPlus (based on SVR4.2MP)	
<b>Warranty</b>	Three year parts and labour, on-site, next day service in most territories (check with Fujitsu or your supplier for local details).	

## superserver Js

	J820s	J822s	J824s
<b>Processor:</b>	hyperSPARC		
<b>Clock speed:</b>	Single 142MHz	Dual 142MHz	2 x Dual 142MHz
<b>L2-Cache:</b>	512KB	1MB	1MB
<b>STD memory:</b>	0 - configured to order		
<b>Max memory:</b>	1GB ECC - RAM		
<b>Std disk:</b>	2GB		
<b>Max disk:</b>	46GB		
<b>Device bays:</b>	2 x half height, 1 x 3.5" occupied		
<b>Expansion slots:</b>	9 Sbus		
<b>CD-ROM:</b>	4 or 8 speed SCSI		
<b>RAID:</b>	PowerARRAY XLS (optional)		
<b>O/S options:</b>	NX V7 MPlus (based on SVR4.2MP)		
<b>Warranty</b>	Three year parts and labour, on-site, next day service in most territories (check with Fujitsu or your supplier for local details).		



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