Fujitsu Product Portfolio

FUJITSU

Fujitsu PRIMERGY Server
Transform your IT into a competitive advantage

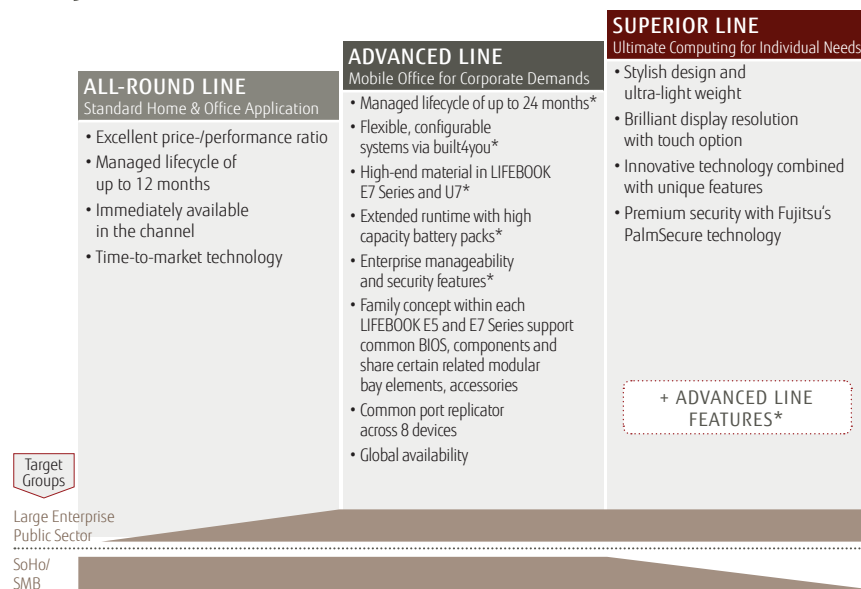## Fujitsu ETERNUS Storage
Business-centric Storage

Fujitsu LIFEBOOK
Excellence in Mobility

Fujitsu CELSIUS workstation
Accelerating Innovation.

Mobility Opens New Horizons
FUJITSU Notebook LIFEBOOK

ALL-ROUND LINE
Standard Home & Office Application

- Excellent price-/performance ratio
- Managed lifecycle of up to 12 months
- Immediately available in the channel
- Time-to-market technology

ADVANCED LINE
Mobile Office for Corporate Demands

- Managed lifecycle of up to 24 months*
- Flexible, configurable systems via built4you*
- High-end material in LIFEBOOK E7 Series and U7*
- Extended runtime with high capacity battery packs*
- Enterprise manageability and security features*
- Family concept within each LIFEBOOK E5 and E7 Series support common BIOS, components and share certain related modular bay elements, accessories
- Common port replicator across 8 devices
- Global availability

SUPERIOR LINE
Ultimate Computing for Individual Needs

- Stylish design and ultra-light weight
- Brilliant display resolution with touch option
- Innovative technology combined with unique features
- Premium security with Fujitsu's PalmSecure technology

+ ADVANCED LINE FEATURES*

Target Groups

Large Enterprise Public Sector

SoHo/ SMB

ALL-ROUND - For Standard Home and Office Application
LIFEBOOK A556 and LIFEBOOK A556G – 15.6-inch reliable all-round notebook
LIFEBOOK A555 – 15.6-inch notebook for everyday home computing

ADVANCED - Mobile Office for Corporate Demands
LIFEBOOK U745 – Slim and light 14.0-inch Ultrabook™ for business trips and ergonomics in the office
LIFEBOOK E736/E746/E756 – Family of three (13.3-inch, 14.0-inch and 15.6-inch) thin and elegant premium notebooks for the enterprise with full business feature set and high-value materials
LIFEBOOK E546/E556 – Family of two (14.0-inch and 15.6-inch) notebooks offering the perfect package of comprehensive business feature-set and reliable performance at a competitive price

SUPERIOR - Ultimate Computing for Individual Needs
LIFEBOOK U904 – Attractively slim, fully featured 14.0-inch business Ultrabook™ with high resolution touch-screen display and enterprise-grade security and connectivity
LIFEBOOK S936 – Thin and light 13.3-inch notebook ensuring unlimited mobility with battery runtime up to two working days and ultimate security with palm vein sensor option

Do you need even more expandability, more performance and outstanding graphics?
» http://www.fujitsu.com/fts/workstation-positioning

Are you looking for Fujitsu Tablet PC?
» http://www.fujitsu.com/fts/tablet-pc-positioning

Do you need maintenance and service support?
» http://www.fujitsu.com/fts/servicepositioning

Are you looking for Mobile Accessories?
» http://sp.ts.fujitsu.com/dmsp/Publications/public/pos_mobile_accessories.pdf

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ALL-ROUND
Standard Home and Office Application

ADVANCED
Mobile Office for Corporate Demands

SUPERIOR
Ultimate Computing for Individual Needs

LIFEBOOK A555	LIFEBOOK A556/A556G	LIFEBOOK E546	LIFEBOOK E556	LIFEBOOK E736	LIFEBOOK E746	LIFEBOOK E756	LIFEBOOK U745	LIFEBOOK S936	LIFEBOOK U904
• 39.6 cm (15.6-inch) • From 2.4 kg • Anti-glare LCD display • Keyboard with NumPad	• 39.6 cm (15.6-inch) • From 2.3 kg • Anti-glare LCD display • Discrete graphics • Keyboard with NumPad • Integrated WLAN and Bluetooth	• 35.6 cm (14.0-inch) • From 1.9 kg • Common port replicator with LIFEBOOK E7 and LIFEBOOK U7, T725, mobile work station and previous notebook models • Family concept sharing components and BIOS • 4G/LTE or 3G/UMTS option • Modular bay • Three different battery options	• 39.6 cm (15.6-inch) • From 2.2 kg	• 33.8 cm (13.3-inch) • From 1.6 kg • Common port replicator with LIFEBOOK E5 and LIFEBOOK U7, T725, mobile work station and previous notebook models • Family concept sharing same components and BIOS • 4G/LTE or 3G/UMTS option • Modular bay • Ultimate security • High-end materials with magnesium lid	• 35.6 cm (14.0-inch) • From 1.7 kg	• 39.6 cm (15.6-inch) • From 1.9 kg	• 35.6 cm (14.0-inch) • From 1.55 kg • Ultrabook™ • HD+ display, anti-glare with touch option • Common port replicator with LIFEBOOK E5 and E7 • Integrated VGA, user-exchangeable battery • 4G/LTE or 3G/UMTS, pull-out LAN • Ultimate security with palm vein sensor option • Magnesium housing, aluminum palm rest	• 33.8 cm (13.3-inch) • From 1.19 kg • Lightweight with full functionality • (WQHD) display, touch or non- touch • Extended runtime with 2nd battery option • NFC, 4G/LTE or 3G/UMTS option • Modular bay • Ultimate security with palm vein sensor option • Intel® vPro™ technology option • Magnesium housing, aluminum palm rest	• 35.6 cm (14.0-inch) • From 1.33 kg • Super-slim and stylish Ultrabook™ • Brilliant (WQHD+) display, touch or non-touch • Long battery runtime • 4G/LTE or 3G/UMTS option • Ultimate security with palm vein sensor option • Intel® vPro™ technology option • Magnesium housing, aluminum palm rest

Mobility Opens New Horizons
FUJITSU Notebook LIFEBOOK

	ALL-ROUND		ADVANCED						SUPERIOR	
Fujitsu	**LIFEBOOK A555**	**LIFEBOOK A556/ A556G**	**LIFEBOOK E546**	**LIFEBOOK E556**	**LIFEBOOK E736**	**LIFEBOOK E746**	**LIFEBOOK E756**	**LIFEBOOK U745**	**LIFEBOOK S936**	**LIFEBOOK U904**
Category	Desktop replacement	Desktop replacement	Desktop replacement	Desktop replacement	Ultra-portable	Ultra-portable	Ultra-portable	Ultrabook™	Ultra-portable	Ultrabook™
Operating System	Windows 8.1 Pro Windows 7 Professional Windows 10 Pro (license + recovery media only)	Windows 10 Pro Windows 7 Professional	Windows 10 Pro Windows 8.1 Pro Windows 7 Professional	Windows 10 Pro Windows 8.1 Pro Windows 7 Professional	Windows 10 Pro Windows 8.1 Pro Windows 7 Professional	Windows 10 Pro Windows 8.1 Pro Windows 7 Professional	Windows 10 Pro Windows 8.1 Pro Windows 7 Professional	Windows 8.1 Pro Windows 7 Professional Windows 10 Pro (license + recovery media only)	Windows 10 Pro Windows 8.1 Pro Windows 7 Professional	Windows 8.1 Pro Windows 7 Professional
Processor (up to)	5th Gen Intel® Core™ i3 processor	6th Gen Intel® Core™ i5 processor	6th Gen Intel® Core™ i7 and Core™ i5 vPro™ processors	6th Gen Intel® Core™ i7 and Core™ i5 vPro™ processors	6th Gen Intel® Core™ i7 vPro™ and Core™ i5 vPro™ processors	6th Gen Intel® Core™ i7 vPro™ and Core™ i5 vPro™ processors	6th Gen Intel® Core™ i7 vPro™ and Core™ i5 vPro™ processors	5th Gen Intel® Core™ i7 vPro™ and Core™ i5 vPro™ processors	6th Gen Intel® Core™ i7 vPro™ and Core™ i5 vPro™ processors	4th Gen Intel® Core™ i7 vPro™ and Core™ i5 vPro™ processors
Chipset	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Intel® Pro WiDi	-	-	-	-	-	-	-	-	-	•
Display	39.6 cm (15.6-inch), LED backlight, HD 1366 x 768 pixel. Anti-glare non-touch.	39.6 cm (15.6-inch), LED backlight, HD 1366 x 768 pixel or Full HD 1920 x 1080 pixel. Anti-glare non-touch.	35.6 cm (14.0-inch), LED backlight, HD 1336 x 768 pixel or Full HD 1920 x 1080 pixel. Anti-glare non-touch.	39.6 cm (15.6-inch), LED backlight, HD 1336 x 768 pixel or Full HD 1920 x 1080 pixel. Anti-glare non-touch.	33.8 cm (13.3-inch), LED backlight, HD 1366 x 768 pixel or Full HD 1920 x 1080 pixel. Anti-glare non-touch.	35.6 cm (14.0-inch), LED backlight, HD 1366 x 768 pixel or Full HD 1920 x 1080 pixel. Anti-glare non-touch.	39.6 cm (15.6-inch), LED backlight, HD 1366 x 768 pixel or Full HD 1920 x 1080 pixel. Anti-glare non-touch..	35.6 cm (14.0-inch), LED backlight, HD+ 1600 x 900 pixel. Anti-glare touch or non-touch.	33.8 cm (13.3-inch), LED backlight, WQHD 2560 x 1440 pixel or Full HD 1920 x 1080 pixel. IGZO glare touch or anti-glare non-touch.	35.6 cm (14.0-inch), LED backlight, WQHD+ 3200 x 1800 pixel. IGZO glare touch or anti-glare non-touch.
Material	Compound	Compound	Compound	Compound	Magnesium (lid), aluminum palm rest	Magnesium (lid), aluminum palm rest	Magnesium (lid), aluminum palm rest	Magnesium & aluminum	Magnesium & aluminum	Magnesuim & aluminum
Graphics	Intel® HD Graphics 5500	Intel® HD Graphics 5500/+ AMD Radeon™ R7 M360	Intel® HD Graphics 520	Intel® HD Graphics 520	Intel® HD Graphics 520	Intel® HD Graphics 520	Intel® HD Graphics 520	Intel® HD Graphics 5500	Intel® HD Graphics 520	Intel® HD Graphics 4400
Weight	From 2.4 kg (5.3 lbs)	From 2.3 kg (5.1 lbs)	From 1.9 kg (4.2 lbs)	From 2.2 kg (4.9 lbs)	From 1.6 kg (3.5 lbs)	From 1.7 kg (3.7 lbs)	From 1.9 kg (4.2 lbs)	From 1.55 kg (3.42 lbs)	From 1.19 kg (2.62 lbs)	From 1.33 kg (3.1 lbs)
Wireless Connectivity Options	Integrated WLAN, Bluetooth	Integrated WLAN, Bluetooth	4G/LTE or 3G/UMTS, WLAN, Bluetooth	4G/LTE or 3G/UMTS, WLAN, Bluetooth	4G/LTE or 3G/UMTS, WLAN, Bluetooth	4G/LTE or 3G/UMTS, WLAN, Bluetooth	4G/LTE or 3G/UMTS, WLAN, Bluetooth	4G/LTE or 3G/UMTS, WLAN, Bluetooth	NFC, 4G/LTE or 3G/UMTS, WLAN, Bluetooth	4G/LTE or 3G/UMTS, WLAN, Bluetooth
Modular bay options Optical drive options*	*DVD Super Multi, weight saver	*DVD Super Multi, weight saver	2nd hard disk drive, DVD Super Multi, weight saver	2nd hard disk drive, DVD Super Multi, weight saver	2nd battery, 2nd HDD, Blu-Ray Disc™ Triple Writer, DVD Super Multi, weight saver	2nd battery, 2nd HDD, Blu-Ray Disc™ Triple Writer, DVD Super Multi, weight saver	2nd battery, 2nd HDD, Blu-Ray Disc™ Triple Writer, DVD Super Multi, weight saver	-	2nd battery, 2nd HDD, Blu-Ray Disc™ Triple Writer, DVD Super Multi, weight saver	-
Interface	VGA, HDMI, LAN, 3x USB, audio, DC-in, memory slots	VGA, HDMI, LAN, 3x USB, audio, DC-in, memory slots	VGA, DP, LAN, 3x USB, memory /SIM/SmartCard slot, audio, DC-in. E556 optional Serial (RS-232)	VGA, DP, LAN, 3x USB, memory /SIM/SmartCard slot, audio, DC-in. E556 optional Serial (RS-232)	VGA, HDMI, DP, LAN, 4x USB, memory /SIM/SmartCard slot., audio, DC-in	VGA, HDMI, DP, LAN, 4x USB, memory /SIM/SmartCard slot., audio, DC-in	VGA, HDMI, DP, LAN, 4x USB, memory /SIM/SmartCard slot., audio, DC-in	VGA, DP, LAN, 3x USB, memory /SIM/SmartCard slot., audio, DC-in	VGA, HDMI, LAN, 3x USB, memory /SIM/SmartCard slot., audio, DC-in	HDMI, LAN, 2x USB, memory /SIM slot, audio, DC-in
Runtime 1st / + 2nd battery	up to 8 h	up to 10 h*	up to 12 h*	up to 12 h*	up to 14 h / up to 19 h*	up to 14 h / up to 19 h*	up to 14 h / up to 19 h*	up to 09:30 h*	up to 18 h / up to 24 h*	up to 10 h
Port replicator	-	-	•	•	•	•	•	•	•	•
ATP option	-	-	-	-	•	•	•	•	•	•
Fingerprint sensor option	-	-	-	-	•	•	•	•	•	•
Palm vein sensor option	-	-	-	-	-	-	-	•	•	•
0-Watt AC adapter option	-	-	•	•	•	•	•	-	•	•
Note *	* BAPCo® MobileMark® 2014 (office productivity)									

Choose the Right Hardware for your Software Application
FUJITSU Workstation CELSIUS

LAPTOP → MOBILE WORKSTATION

PC → DESKTOP WORKSTATION

SERVER → RACK WORKSTATION
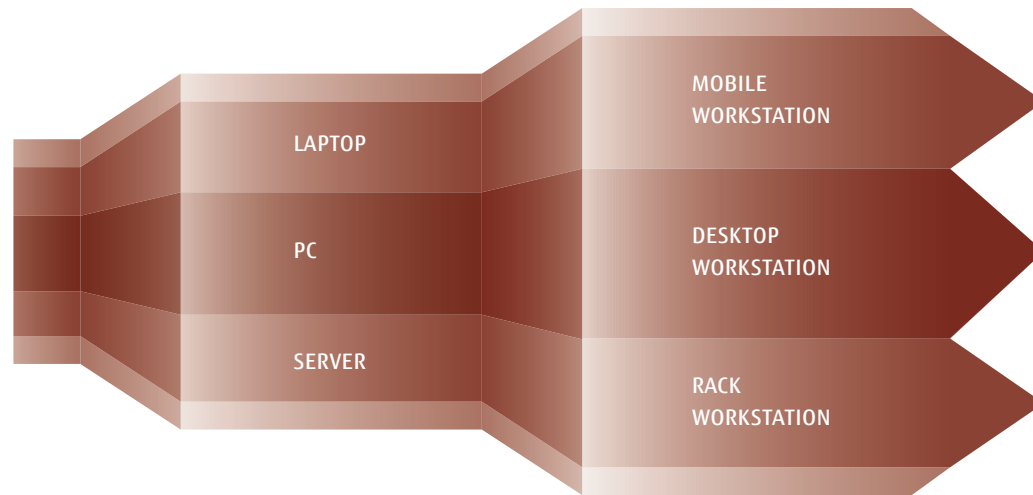
Elegant. Mobile. Power.

H730 - 15.6" LED backlight full HD display, modular bay and PalmSecure™

Develop, Simulate, Calculate and Visualize your Ideas

W520LL - Up to 54 months lifecycle
W530 - Ideal for single processor applications like CAD
M740 - Ideal for processor and graphics intense applications
R940 - Ideal for simulation, content creation and rendering

Ideal for Remote Access, GPU pass-through and graphics virtualization

C620 - 1U rack workstation: Ideal for Remote Access and GPU pass-through
C740 - 1U rack workstation: High-performance GPU node. Ideal for remote CAD

Application Fields	Computer Aided Design (CAD)	Computer Aided Enginee-ring (CAE) & Simulation	Architecture, Engineering and Construction (AEC)	Media & Entertainment (M&E)	Geographic Information System (GIS) & Oil and Gas	Healthcare	Financial Services & Analysis (FSA)
Usage Scenario	• 2D and 3D technical drawing of physical objects, parts and assemblies (Product design, industrial design, modelling, model analysis)	• Mechanical, thermal and fluid simulations • Electronic design simulation	• 3D planning and construction of buildings, factories and infrastructure	• Content creation, video editing, animation, photo retouching, special effects, design and photorealistic renderings	• Geo data collection, processing and visualisation	• Visualize and simulate biological and chemical systems • Electronic Health & Medical Record (EHR, EMR), Personal Health Record (PHR)	• Financial analysis and stock exchange trade floors
Typical Industries (extract)	• Car manufacturers • Automotive suppliers • Aerospace	• All manufacturers	•Architects •Urban planning •Tunnels and bridges •Power plants	• Broadcasting • Film and animation studios • Agencies	• Defense • Government • Science and research • Cartography • Transportation	• Medical product vendors • Chemistry and Pharmacology • Hospitals • Biotechnology • Laboratory Diagnostics	• Banks • Stock exchange
Leading Software Applications	• Autodesk: AutoCAD, Inventor • Dassault Systèmes: CATIA, 3DEXCITE (DeltaGen, Bunkspeed) • Siemens PLM: NX, Teamcenter • PTC: Creo Parametric	• ANSYS: Fluent, CFX, Mechanical • Autodesk: Revit, Moldflow • Dassault Systèmes: SIMULIA • MSC Software: Nastran, Patran • Siemens PLM: Tecnomatix, FiberSIM	• Autodesk: AutoCAD, Revit • Bentley: Microstation • Nemetschek: Allplan • Trimble: Sketchup Pro, Tekla BIMsight, Gehry Technologies	• Adobe: Premiere Pro, After Effects, Photoshop • Autodesk: Maya, 3ds Max, VRED • Avid: Media Composer • Chaos Group: V-Ray • Dassault Systèmes: ICEM Surf Design • The Foundry; Nuke, Modo	• ESRI: ArcGIS • Intergraph: Geomedia • Halliburton: Landmark, Pinnacle • Paradigm: Echos RTM, Tech • Schlumberger: Petrel, ECLIPSE, Omega	• Mostly in-house developed software like Syngo (Siemens Healthcare) • Dassault Systèmes: Simulia	• Numerical Algorithms Group (NAG) • Reuters: Xtra3000
Hardware Requirements	• Processor clock frequency • Number of processor cores • Disk IO speed	• Multi-core processors (up to three) • Memory: from 16 to 192 GB • Disk IO speed, SAS RAID	• Processor clock frequency • Disk IO speed	• Multi-core processors • Disk IO speed • SAS RAID	• Multi-core processors • Large amount of memory • Multi-monitor set-up	• Disk IO speed • Reliability and long lifecycles • Low noise emission	• Processor clock frequency • Multi-core processors • Highly demanding calculation algorithms • Multi-monitor set-up for trade floors
Single or Multi CPU or GPU support	• Single-CPU • Single- or Multi-GPU	• Single or Dual-CPU • Multi-GPU	• Single-CPU • Single-GPU	• Single or Dual-CPU • Single- or Multi-GPU	• Single or Dual-CPU • Single (high-end) or multi-GPU (high-end & compute)	• Single-CPU • Single-GPU	• Single-CPU • Multi-GPU

	MOBILE WORKSTATION	DESKTOP WORKSTATION			
	CELSIUS H760	CELSIUS W520 Long Lifecycle	CELSIUS W550	CELSIUS M740	CELSIUS R940
Processor (incl. cores & frequency)	Intel® Core™ i7 vPro™ processor (up to 3.9 GHz) Intel® Core™ i5 vPro™ processor (up to 3.4 GHz)	Intel® Xeon® processor E3-1200 v2 family (4 cores, up to 3.90 GHz) Intel® Core™ i3 processor family (2 cores, 3.30 GHz) Intel® HD Graphics 2500 or P4000	Intel® Xeon® processor E3-1200 v3 family (up to 4 cores, up to 3.70 GHz) Intel® Core™ i7 vPro™, i5 vPro™, i3 processor (up to 4 cores, up to 4.00 GHz) Intel® HD Graphics 4400, 4600 or P4600	Intel® Xeon® processor E5-2600 v3 family (up to 18 cores, up to 3.50 GHz) IIntel® Xeon® processor E5-1600 v3 family (up to 8 cores, up to 3.70 GHz) Coprocessors: Intel® Xeon Phi™ 3120A or 5110P, NVIDIA® Tesla® K40	Intel® Xeon® processor E5-2600 v3 family (up to 2x18 cores, up to 3.50 GHz) Coprocessors: Intel® Xeon Phi™ 3120A or 5110P, NVIDIA® Tesla® K40 or K80
Operating System	Windows 7 Professional 64-bit Windows 8.1 Pro 64-bit	Windows 8.1 Pro 64-bit, Windows 8.1 64-bit Windows 7 Professional 64-bit Windows 7 Professional 32-bit	Windows 8.1 Pro 64-bit, Windows 8.1 64-bit Windows 7 Professional 64-bit Windows 7 Professional 32-bit	Windows 8.1 Pro 64-bit Windows 7 Professional 64-bit	Windows 8.1 Pro 64-bit Windows 7 Professional 64-bit
System	39.6 cm (15.6-inch), LED backlight, (Full HD), anti-glare display, magnesium, 220 cd/ m²	Single processor	Single processor Whisper quiet: 18 dB(A)	Single processor Whisper quiet: 20 dB(A)	Up to dual processors Whisper quiet: 23 dB(A)
Chipset	Intel® QM87	Intel® C216	Intel® C226	Intel® C612	Intel® C612
Memory	Up to 32 GB, up to 4 Memory slot(s), DDR3-SO DIMM, non-ECC	Up to 32 GB, 4 Memory slots DIMM (DDR3, 1,600 MHz) ECC/non-ECC, unbuffered	Up to 32 GB, 4 Memory slots DIMM (DDR3, 1,600 MHz)) ECC/non-ECC, unbuffered	Up to 256 GB, 8 Memory slots DIMM (DDR4-2133 MHz), ECC	Up to 1024 GB, 16 Memory slots DIMM / with 2 processors (DDR4-2133 MHz), ECC
Hard Disk Drive	SSHD SATA III, 500/750/1,000 GB/ 8 GB SSD Cache SSD SATA III, 128/256 /512 GB, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch, FDE HDD SATA, 5,400 rpm, 500 GB, 2.5-inch	SSHD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch SSHD SATA III, 5,400 rpm, 500 GB, 2.5-inch SSD SATA III Premium, 128 256/512 GB, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch, SED SSD SATA III, 128/256 GB, 2.5-inch HDD SATA III, 10,000 rpm, 500/1,000 GB 2.5-inch, business critical HDD SATA III, 7,200 rpm, 500/1,000/2,000/3,000/4,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 500/1,000 /2,000 GB, 3.5-inch	SSHD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch SSHD SATA III, 5,400 rpm, 500 GB, 2.5-inch SSD SATA III Premium, 128/256/512 GB, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch, SED SSD SATA III, 128/256 GB, 2.5-inch HDD SATA III, 10,000 rpm, 500/1,000 GB 2.5-inch, business critical HDD SATA III, 7,200 rpm, 500/1,000/2,000/ 3,000/4,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 500/1,000/2,000 GB, 3.5-inch	SSD PCIe 1x256/1x512 GB or 2x256/2x512 GB high-end card SSHD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch SSD SATA III Premium, 128 /256/512 GB, 2.5-inch SSD SATA III, 200/400 GB High Endurance, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch, SED bay HDD SATA III, 10,000 rpm, 500/1,000 GB 2.5-inch, business critical HDD SATA III, 7,200 rpm, 1,000/2,000/3,000 /4,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 1 TB/2 TB 2.5-inch, business critical HDD SATA III, 7,200 rpm, 500/1,000/2,000 GB, 3.5-inch HDD SAS, 15,000 rpm, 300/600 GB, 2.5-inch HDD SAS, 10,000 rpm, 300/600/900/1200 GB, 2.5-inch	SSD PCIe 1x256/1x512 GB or 2x256/2x512 GB high-end card SSHD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch SSD SATA III Premium, 128/256/512 GB, 2.5-inch SSD SATA III, 200/400 GB High Endurance, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch SED HDD SATA III, 10,000 rpm, 500/1,000 GB 2.5-inch, business critical HDD SATA III, 7,200 rpm, 1,000/2,000/3,000/4,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 1 TB/2 TB 2.5-inch, business critical HDD SATA III, 7,200 rpm, 500/1,000/2,000 GB, 3.5-inch HDD SAS, 15,000 rpm, 300/600 GB, 2.5-inch HDD SAS, 10,000 rpm, 300/600/900/1200 GB, 2.5-inch
Slots	-	1 x PCI-Express 3.0 x16 3 x PCI-Express x1 1 x PCI-Express 2.0 x4 (mech. x16) 2 x PCI-slots	1 x PCI-Express 3.0 x16 2 x PCI-Express x1 1 x PCI-Express 2.0 x4 (mech. x16)	2 x PCI-Express 3.0 x16 1 x PCI-Express 3.0 x4 (mech. x16) 2 x PCI-Express 3.0 x4 (mech. x8) 1 x PCI-Express 2.0 x4 (mech. x16) 2 x PCI-Express 2.0 x1 (mech. x8)	4x PCI-Express 3.0 x16 1x PCI-Express 3.0 x8 1x PCI-Express 3.0 x8 (internal) 1x PCI-Express 2.0 x4 (mech. x16) 1 x PCI-Express 2.0 x4 (mech. x8)
GPU Computing Card	-	-	-	NVIDIA® GRID™ (actively cooled): K1 or K2 NVIDIA® Tesla™ K20	NVIDIA® GRID™ (actively cooled): K1 or K2 NVIDIA® Tesla™ K20
Professional Graphic Cards	NVIDIA® Quadro®: K510M, K1100M, K2100M	NVIDIA® Quadro®: K5000, K4000, K2000D, K2000, K600 NVIDIA® NVS: 510, 315, 310 AMD FirePro™: W7000	NVIDIA® Quadro®: K4200, K4000, K2200, K2000D, K2000, K620, K600, K420, NVIDIA® NVS: 510, 315, 310 AMD FirePro™: W7100, W7000, W5100, W4100, W2100	NVIDIA® Quadro®: M6000, K6000, K5200, K4200, K2200, K620, K420, NVIDIA® NVS: 510, 315 AMD FirePro™: W9100, W7100, W5100, W4100, W2100	NVIDIA® Quadro®: M6000, K6000, K5200, K4200, K2200, K620, K420 / NVIDIA® NVS: 510, 315 AMD FirePro™: W9100, W7100, W5100, W4100, W2100
Remote Graphics	-	RemoteAccess Dual or Quad Card	RemoteAccess Dual or Quad Card	RemoteAccess Dual or Quad Card	RemoteAccess Dual or Quad Card
SCSI / SAS Controller	-	-	-	RAID 5/6 Ctrl. 12 Gbit/s 8 ports int. RAID 0/1 Ctrl. 12 Gbit/s 8 ports int. RAID 0/1 Ctrl. 6 Gbit/s 8 ports int.	RAID 5/6 Ctrl. 12 Gbit/s 8 ports int. RAID 0/1 Ctrl. 12 Gbit/s 8 ports int. RAID 0/1 Ctrl. 6 Gbit/s 8 ports int.
Others	Common port replicator with seven LIFEBOOKs, (optional) integrated PalmSecure™, up to 14 hours of battery life (with 2nd battery)	Long lifecycle up to 42 months Power supply (90% efficiency): 500 W	Power supply (90% efficiency): W530 (300 W) W530power (500 W)	Power supply (90% efficiency): M740 (600 W), M740power (1000 W) M740power: Medical EMC standard IEC60601-1-2	Power supply (90% efficiency): R940 (1000 W) R940power (1350 W)

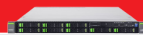| RACK WORKSTATION		
	CELSIUS C620	**CELSIUS C740**
Processor (incl. cores & frequency)	Intel® Xeon® processor E3-1200 v2 family (4 cores, up to 3.60 GHz) Intel® Core™ i3 processor (2 cores, 3.30 GHz) Intel® Xeon Phi™ Coprocessor 5110P	Intel® Xeon® processor E5-1600 v3 family (8 cores, up to 3.70 GHz) Intel® Xeon® processor E5-2600 v3 family (18 cores, up to 3.00 GHz) Coprocessors: Intel® Xeon Phi™ 3120A or 5110P, NVIDIA® Tesla® K40 or K80
Operating System	Windows 8.1 Pro 64-bit Windows 7 Professional 64-bit	Windows 8.1 Pro 64-bit Windows 7 Professional 64-bit
System	1U	1U
Chipset	Intel® C216	Intel® C216
Memory	Up to 32 GB, 4 Memory Slots DIMM (DDR3, 1,600 Mhz), ECC/non-ECC	Up to 256 GB, 8 Memory slots DIMM (DDR4, 2,133 MHz), ECC
Hard Disk Drive	SSD SATA III: 128/256 GB and 128 GB SED HDD SATA III: 10,000 rpm, 500/1,000 GB, business critical HDD SATA III: 7,200 rpm, 500/1,000/2,000/3,000/4,000 GB, business critical HDD SATA III: 7,200 rpm, 500/1,000/2,000 GB HDD SAS: 10,000 rpm, 300/600/900 GB	SSD PCIe 1x256/1x512 GB or 2x256/2x512 GB high-end card SSD PCIe 256/512 GB M.2 high-end SSD SATA III, 200/400 GB High Endurance, 2.5-inch SSD SATA III Premium: 128/256/512 GB, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch SSD SATA III, 128/256 GB, 2.5-inch SED HDD SATA III, 7,200 rpm, 1 TB/2 TB 2.5-inch, business critical HDD SATA III, 7,200 rpm, 320/500 GB, 2.5-inch HDD SAS, 10,000 rpm, 300/600/900/1,200 GB, 2.5-inch DOM SATA 32/64/128 GB, enterprise
Slots	1 x PCI-Express 3.0 x16 1 x PCI-Express 2.0 x4 (mech. x16)	1 x PCI-Express 3.0 x8 (mech. x16) 1 x PCI-Express 3.0 x16 (double slot density) or 2 x PCI-Express 3.0 x16 (single slot density)
GPU Computing Card	NVIDIA® GRID™ K2 NVIDIA® Tesla™ K20	NVIDIA® GRID™ K2 NVIDIA® Tesla™ K20
Professional Graphic Cards	NVIDIA® Quadro®: K5200, K5000, K4200, K4000, K2200, K2200D, K2000, K620, K600, K420 NVIDIA® NVS: 510, 310 AMD FirePro™: W5000, V4900, V3900	NVIDIA® Quadro®: M6000, K6000, K5200, K4200, K2200, K620, K420 / NVIDIA® NVS: 510, 315 AMD FirePro™: W9100, W7100, W5100, W4100, W2100
Remote Graphics	RemoteAccess Dual or Quad Card	RemoteAccess Dual or Quad Card
SCSI / SAS Controller	RAID 5/6 Ctrl. 6 Gbit/s 8 ports int. 512 MB Cache RAID 0/1 Ctrl. 6 Gbit/s 8 ports int.	RAID 5/6 Ctrl. 12 Gbit/s 8 ports int. RAID 0/1 Ctrl. 12 Gbit/s 8 ports int. RAID 0/1 Ctrl. 6 Gbit/s 8 ports int.
Others	Power supply (90% efficiency): 500 W	Power supply (92% efficiency): 800 W

Fujitsu Server PRIMERGY Portfolio
Higher IT efficiency and reduced total cost of ownership
FUJITSU PRIMERGY Tower and Rack Servers

Model	PRIMERGY TX1310 M1	PRIMERGY TX1320 M2	PRIMERGY TX1330 M2
Characteristics	The ideal first server	For small environments with high demands	Expandable all-round server for SMEs
Type	Mono socket tower server	Mono socket tower server	Mono socket tower server
Height units	-	-	Yes (4U)
Processor	Intel® Xeon® processor product E3 v3 family, Intel® Celeron® processor, Intel® Core™ i3, Intel® Pentium® processor	Intel® Xeon® processor E3v5 family, Intel® Core™ i3, Intel® Pentium®	Intel® Xeon® processor E3v5 family, Intel® Core™ i3, Intel® Pentium®
Memory capacity	2 GB - 32 GB, 4 DIMM (DDR3)	2 GB - 64 GB, 4 DIMM (DDR4)	2 GB - 64 GB, 4 DIMM (DDR4)
Storage configuration	4x 3.5-inch easy change SATA	2 x 3.5-inch or 6 x 2.5-inch	12x 3.5-inch or 24x 2.5-inch
iRMC	no	yes (advanced pack opt.)	yes (advanced pack opt.)
RAID 0, 1, 10 | 5, 6	✓ | -	✓ | optional	✓ | optional
I/O slots	2x PCIe 3.0 x8,1x PCIe 2.0 x4, 1x PCIe 2.0 x1	4 x PCIe 3.0	4 x PCIe 3.0, legacy PCI via adapter

	PRIMERGY TX2540 M1	PRIMERGY TX2560 M2
	Well-balanced price-performance	Maximum productivity in a 1U housing
	Dual socket tower server	Dual socket tower server
	4 U when used in a rack	4U when used in rack
	Intel® Xeon® processor E5-2400v2 product family	Intel® Xeon® processor E5- 2600 v4 product family
	4 GB - 192 GB, 12 DIMM (DDR3)	4 GB – 1.536 GB, 24 DIMM (DDR4)
	8 x 3.5-inch or 24 x 2.5-inch	12 x 3.5-inch or 32 x 2.5-inch
	yes (advanced pack opt.)	yes (advanced pack opt.)
	✓ | optional	✓ | optional
	2 x PCIe 3.0 x16, 2 x PCIe 3.0 x4, 1 x PCIe 2.0 x4, 1 x PCI	10 x PCIe 3.0 (via riser cards)

Model	PRIMERGY RX1330 M2	PRIMERGY RX2520 M1	PRIMERGY RX2530 M2
Characteristics	Small in size and low in cost – rich in optional features	Scalable rack server for essential business apps	Maximum productivity in a 1U housing
Type	Mono Socket Rack Server	Dual socket rack server	Dual socket rack server
Height units	1U	2 U	1 U
Processor	Intel® Xeon® processor E3v5 family, Intel® Core™ i3, Intel® Pentium®	Intel® Xeon® processor E5-2400v2 product family	Intel® Xeon® processor E5- 2600 v4 product family
Memory capacity	2 GB - 64 GB ECC, 4 DIMM DDR4 2,133 MHz,	2 GB - 192 GB, 12 DIMM (DDR3)	4 GB – 1.536 GB, 24 DIMM (DDR4)
Storage configuration	4x 3.5-inch / 10x 2.5-inch	8 x 3.5-inch or 12/16 x 2.5-inch	10 x 2.5-inch or 4 x 3.5-inch
iRMC	yes (advanced pack opt.)	yes (advanced pack opt.)	yes (advanced pack opt.)
RAID 0, 1, 10 | 5, 6	✓ | optional	✓ | optional	✓ | optional
I/O slots	2 x PCIe 3.0 x8, 1 x PCIe 2.0 x4	6 x PCIe 3.0 x8, 1 x PCIe 2.0 x4	2 x PCI-Express 3.0 x8, 2 x PCI-Express 3.0 x16

Higher IT efficiency and reduced total cost of ownership
FUJITSU PRIMERGY Rack and Blade Servers

Model	PRIMERGY RX2540 M2	PRIMERGY RX2560 M2	PRIMERGY RX4770 M3
Characteristics	The datacenter standard without compromise	Maximum expandability in a 2 way server	Platform of choice for business critical backend services with superior levels of performance and reliability
Type	Dual socket rack server	Dual socket rack server	Quad socket rack server
Height units	2 U	4 U	4 U
Processor	Intel® Xeon® processor E5- 2600 v4 product family	Intel® Xeon® processor E5- 2600 v4 product family	Intel® Xeon® processor E7-4800v3/8800v3 product families
Memory capacity	4 GB – 1.536 GB, 24 DIMM (DDR4)	4 GB – 1.536 GB, 24 DIMM (DDR4)	16GB - 6 TB, 96 DIMM (DDR4) 2133 MHz
Storage drives hot-plug	12 x 3.5-inch or 24 x 2.5-inch, 4x 2.5-inch hot-plug rear option	32 x 2.5-inch or 12 x 3.5-inch plus 2x 2.5-inch not-plug rear option	8 x 2.5-inch
iRMC	yes (advanced pack opt.)	yes (advanced pack opt.)	yes (advanced pack opt.)
RAID 0, 1, 10 | 5, 6	✓ | optional	✓ | optional	optional | optional
I/O slots	3 x PCIe 3.0 x16, 3 x PCIe 3.0 x8. Max 8 PCIe 3.0 slots with riser card	3 x PCIe 3.0 x16, 5 x PCIe 3.0 x8, 4 x PCIe 3.0 x4	2 x PCI-Express 3.0 x16, 9 x PCI-Express 3.0 x8

Model	PRIMERGY BX2560 M2	PRIMERGY BX2580 M2	PRIMERGY SX960 S1	PRIMERGY SX980 S2
Characteristics	All-in-one server blade optimized for mainstream virtualization and enterprise workloads	Cope with the most demanding workloads	Direct attached and, in combination with Microsoft Windows Server 2012 or other software products, shared storage solution	Centralized storage capacity via SAS Connection Blade
Type	Dual socket Server Blade	Dual socket Server Blade	Storage Blade Disk	Storage Blade Disk
Max. number per BX900	18	18	2	6
Max. number per BX400	8	8	2	2
Processor	Intel® Xeon® processor E5-2600 v4 product family	Intel® Xeon® processor E5-2600 v4 product family	-	-
Memory capacity	8 GB - 1024 GB 16 DIMM (DDR4)	8 GB – 1536 GB, 24 DIMM (DDR3)	-	-
Storage drives hot-plug	2 x 2.5-inch or 2x 3.5-inch hot-plug	2 x 1.8-inch non hot-plug	10 x 2.5-inch	10x 2.5-inch
iRMC	yes (iRMC S4, 256 MB attached memory incl. graphics controller)	256 MB attached memory incl. graphics controller)	-	-
RAID 0, 1 | 5, 6	✓ | optional	✓ | optional	✓ | ✓	✓ | ✓
Ethernet controller onboard	2 x 10 Gbit/s CNA via midplane to Ethernet Connection Blade			-
Mezzanine cards	2 x PCIe 3.0 x8 (Quad 1 Gbit/s Eth, Dual 10 Gbit/s Eth, Dual 8 Gbit/s FC, Dual 40 Gbit/s IB, Dual 56 Gbit/s IB, SAS HBA/RAID 6 Gbit/s, Dual 10 Gbit/s CNA)			-

Model	PRIMERGY BX400 S1	PRIMERGY BX900 S2
Characteristics	Affordable and fully-featured blade system for midsized companies	Complete dynamic server infrastructure in a single chassis for enterprise data centers
System unit type	6 U chassis or floorstand version	10 U chassis
Dimensions	445 x 785 x 267 mm (WxDxH)	445 x 778 x 438 mm (WxDxH)
Front bays	8 x for server or storage blades	18 x for server or storage blades
Midplane	High speed midplane with 3 fabrics	High speed midplane with 4 redundant fabrics
Rear bays	4 x for Connection Blades 4 x for PSU-Fan modules	8 x for 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	1 x hot-plug Management Blade as standard, redundant Management Blade as option
Fan configuration	Up to 3 hot-plug, redundant fan units (2 fan modules per unit)	Up to 3 additional hot-plug, redundant fan modules
Power supply configuration	Up to 4 x hot-plug power supply modules (1 x as standard)	Up to 6 x hot-plug power supply modules, 3 x as minimum (4th to 6th power supply modules neccessary for redundancy, depending on system configuration)
Connection Blade type	Ethernet: 1 Gbit/s 18/6 switch, 1 Gbit/s 36/12 switch, 1 Gbit/s 36/8+2 DCB (Ethernet, FCoE, iSCSI): 10/40 Gbit/s 18/8+2 IBP switch, 10 Gbit/s 18/6+6 Fabric switch, 10 Gbit/s 16/8 Fabric Extender, 10 Gbit/s 18/18 Pass Thru Fibre Channel (FC): 8 Gbit/s 26-port switch, 8Gbit/s 14-port switch, 8 Gbit/s 18/18 Pass Thru SAS: 6 Gbit/s 18/6 SAS switch InfiniBand (IB): 56 Gbit/s 18/18 IB switch (Mellanox)	

PRIMERGY scale-out servers
FUJITSU PRIMERGY CX server family

Model	PRIMERGY CX400 M1
Characteristics	Rack optimized enclosure for double dense server nodes providing high efficiency and best serviceability for various datacenter (cloud) scenarios.
System unit type	2 U chassis for 19-inch rack
Weight	up to 40 kg
Front bays	Storage drives: 24 x 2.5-inch (HDD, SSD)
Rear bays	4 x for half wide server trays CX25x0 M1; 2 x for PSU
Fan configuration	4 non hot-plug fans
Max. input of single power supply	1600 W (94% efficiency)
Power supply configuration	up to 2 x hot-plug power supply modules
Operation panel / button - Status LED	- On/Off switch / ID button - Identification (blue) Power (green)
Warranty	
Standard Warranty	3 years
Service Level	On-site Service
Standard Warrenty note	(depending on country)
Maintenance and Support Services - the perfect extension	
Recommended Service	7 x 24, Onsite Response Time: 4h - For locations outside of EMEA please contact your local FUJITSU partner.
Service Lifecycle	5 years after end of product life
Number of Nodes	4 x CX2550 M1/M2 2 x CX2570 M1/M2

Model	PRIMERGY CX2550 M2	PRIMERGY CX2570 M2
Characteristics	1 U half wide server node for PRIMERGY CX400 M1 Multi-Node system	2 U half wide server node with GPGPU for PRIMERGY CX400 M1 Multi-Node system
Type	Dual socket node	Dual socket node
Chipset	Intel® C610	Intel® C610
Processor(s)	Intel® Xeon® processor E5-2600v4 product family	
Memory	8 GB - 1024 GB 16 DIMM (DDR4)	8 GB - 1024 GB 16 DIMM (DDR4)
Memory protection	Advanced ECC, SDDC (Chipkill™)	
optional GPU		2x GPGPU NVIDIA Tesla K40/K80/M60 computing processor 2 x NVIDIA® GRID K1 / K2 or 2x Intel Xeon Phi coprocessor 3120P / 7120P
Drive bays	6 x 2.5-inch (depending on hardware configuration)	
I/O slots	2 x PCIe 3.0 x16 (low profile)	2 x PCIe 3.0 x8 2 x PCIe 3.0 x16 for GPGPU
Onboard or integrated controller		
SATA Controller RAID Controller LAN Remote Management Controller	Intel® C610, for up to 6x 2.5-inch SAS/SATA HDD or SAS/SATA SSD RAID 0/1 for internal drives RAID 5,6 with optional adapter Mbit/s Ethernet (TCP/IP acceleration) Baseboard management controller (BMC), IPMI 2.0 compatible	Intel® C610, for up to 6x 2.5-inch SAS/SATA HDD or SAS/SATA SSD RAID 0/1 for internal drives RAID 5,6 with optional adapter Mbit/s Ethernet (TCP/IP acceleration) Baseboard management controller (BMC), IPMI 2.0 compatible
Operating system and Virtualization Software		
Certified or supported operating systems and virtualization software	Microsoft® Windows Server 2012 R2 Standard, Datacenter Microsoft® Hyper-V-Server 2012 R2 VMware vSphere™ 6.0 update 1 SUSE Linux Enterprise Server 11 Red Hat Enterprise Linux 6, 7 Citrix® Xen Server®	Microsoft® Windows Server 2012 R2 Standard, Datacenter Microsoft® Hyper-V-Server 2012 R2 VMware vSphere™ 6.0 update 1 SUSE Linux Enterprise Server 11 Red Hat Enterprise Linux 6, 7 Citrix® Xen Server®

Model	PRIMERGY CX420 S1
Characteristics	High availability for lower expertise and limited budgets
System unit type	2 U chassis for 19-inch rack
Weight	up to 38 kg plus 2.5 kg for rack rails
Front bays	Storage drives: 12 x 3.5-inch for 3.5-inch /2.5-inch HDDs
Rear bays	2 bays for half wide server trays CX272 S1 2x for PSU
Fan configuration	4 non hot-plug fans
Power supply configuration	2x hot-plug power supply modules
Operation panel / buttons	On/Off switch ID button
Warranty	
Standard Warranty	3 years
Service Level	On-site Service
Standard Warrenty note	
Maintenance and Support Services - the perfect extension	
Recommended Service	7 x 24, Onsite Response Time: 4h - For locations outside of EMEA please contact your local FUJITSU partner.
Number fo nodes	2x CX272 S1

Model	PRIMERGY CX272 S1
Characteristics	Strong Performance and Cluster Readiness combined
Type	Dual socket server node
Chipset	Intel® C600
Processor(s)	Intel®Xeon® processor E5-2600 product family
Memory	8– 256 GB
Memory protection	Advanced ECC SDDC (onl y for registered DIMMs)
Storage drive bays	6x 2.5-inch or 6x 3.5-inch (local in CX420 S1) 2x 2.5-inch internal in CX272 S1
I/O slots	3x PCIe 3.0 x8
Onboard or integrated controller	
LAN RAID Controller SATA Controller Remote Management controller	2x 10/100/100 Mbit/s Ethernet (TCP/IP acceleration) RAID 0/1 for internal drives Intel® C610 Baseboard management controller (BMC) IPMI 2.0 compatible
Operating system and Virtualization Software	
Certified or supported operating systems and virtualization software	Microsoft® Hyper-V-Server 2012 R2 Windows Server 2012 R2` Windows Storage Server 2012 R2 Microsoft® Hyper-V-Server 2012 Windows Server 2012 Windows Storage Server 2012

Product Supoort Servies
Fujitsu delivers worldwide Product Support Services through certified support engineers for individual products as well as for IT infrastructures as a "one stop shop" support offering.
The comoprehensive support portfolio contains the installation, standard break/fix servies as well as proactive support and helps our customers to save time and money and recues the burden on internal IT staff.

More information: http://www.fujitsu.com/fts/products/product-support-services/

Storage Systems and Tape Systems

ETERNUS DX Series

Model	ETERNUS DX60 S3	ETERNUS DX100 S3 / DX200 S3	ETERNUS DX500 S3 / DX600 S3	ETERNUS DX8700 S3 / DX8900 S3
Type	The Economy Disk Storage System for SMBs	Unified Disk Storage System for Small and Mid-range Enterprises		Enterprise Storage without Limits
Host Interfaces	4 / 8 Gbit/s FC, 1 / 10 Gbit/s [10GBase-T] iSCSI, 3 / 6 Gbit/s SAS	8 / 16 Gbit/s FC, 10 Gbit/s FCoE, 1 / 10 Gbit/s iSCSI, 6 Gbit/s SAS, 1 / 10 Gbit/s Ethernet	8 / 16 Gbit/s FC, 10 Gbit/s FCoE, 1 / 10 Gbit/s iSCSI, 1 / 10 Gbit/s Ethernet	8 / 16 Gbit/s FC, 10 Gbit/s FCoE, 1 / 10 Gbit/s iSCSI
Max. Disk Drives	48 / 96 x SSD (max 8), SAS and Nearline SAS in mixed configuration (3.5" / 2.5")	144 / 264 x SSD, SAS and Nearline SAS in mixed configuration (3.5" / 2.5")	528 / 1,056 x SSD, SAS and Nearline SAS in mixed configuration (3.5" / 2.5")	1,536 / 4,608 x SSD, SAS and Nearline SAS in mixed configuration (3.5" / 2.5")
Max. Storage Capacity	384 TB	1,152 TB / 2,112 TB	4,224 TB / 8,448 TB	6,144 TB / 18,432 TB
Max. Host Interfaces	4	16	16 / 32	128 / 384
No. of Connect. Hosts	Max. 128	Max. 1,024	Max. 1,024	Max. 8,192
RAID levels	0, 1, 1+0, 5, 5+0, 6			
Thin Provisioning & AST	Thin Provisioning: ✔ AST: -	✔	✔	✔
Transparent Failover & Auto QoS	-	✔	✔	✔
Remote Replication	-	✔	✔	✔
Storage Management	ETERNUS SF V16 Storage Management Software suite to achieve business continuity and to optimize storage resources			

ETERNUS DX200F

Model	ETERNUS DX200F
Type	All-flash Array
Host Interfaces	16 Gbit/s FC, 10 Gbit/s iSCSI
Max. Storage Capacity	38.4 TB
Max. IOPS	760,000 (100 % Read, sequential), 430,000 (100 % Read, random)
Nominal Latency	Write 88 µs, Read 180 µs
Storage Management	ETERNUS SF storage management software

ETERNUS JX

Model	ETERNUS JX40 S2	ETERNUS JX60
Type	Passive direct server attached drive extension (JBOD)	
Host Interfaces	SAS 12 Gbit/s	SAS 6 Gbit/s
Max. Storage Capacity	173 TB with 2.5" disks / 192 TB with 3.5" disks	480 TB
Max. Disk Drives	2.5": max. 96 SAS disks and SSDs 3.5": max. 48 Nearline SAS disks	3.5": max. 120 Nearline SAS disks
Protocols	SAS	SAS
RAID Level	0, 1, 1+0, 5, 5+0, 6, 6+0	0, 1, 1+0, 5, 5+0, 6, 6+0

ETERNUS CD10000

Model	ETERNUS CD10000 S2	ETERNUS CD10000 S2 Quick Start Edition
Type	Hyper-scale, software-defined storage (SDS)	Ceph storage evaluation platform
Host connectivity options	Block, File and Object*	
Software version	Opensource software: Ceph Enterprise	
Hardware platform	Integrated system based on latest server and disk storage	Flex Node
Storage Management	Fujitsu's GUI Management console	
Node Types	Various Storage Nodes and Infrastructure component options	1x Flex Node hosting multiple virtualized nodes
Basic Configuration	4x Storage node +1x Management node + Infrastructure included	1x Quick Start Edition
Max. no of nodes	Upgradable up to 224 nodes**	1x Flex Node
Max. usable capacity	42 PB***	44 TB
DR capabilities	Split-site and Geo-replication across clusters	Possible with two Quick Start Editions
Application interfaces	Ceph storage interfaces (Object, S3, Block, File), OpenStack interfaces (Swift, Cinder, Glance)	

ETERNUS LT Series

Model	ETERNUS LT20 S2 / LT40 S2 / LT60 S2	ETERNUS LT260	ETERNUS LT270 S2
Type	LTO-5, LTO-6, LTO-7	LTO-5, LTO-6, LTO-7	LTO-5, LTO-6, LTO-7
Max. Capacity (native)	LTO-5 : 12 TB / 36 TB / 72 TB LTO-6 : 20 TB / 60 TB / 120 TB LTO-7 : 48 TB / 144 TB / 288 TB	LTO-5 : 840 TB LTO-6 : 1,400 TB LTO-7 : 3,360 TB	LTO-5 : 1,069.5 TB LTO-6 : 1,782.5 TB LTO-7 : 4,278.0 TB
Cartridges (max.)	8 / 24 / 48	560	713
Drives (max.)	1 / 2 / 4	42	128
Interfaces	SAS, FC	SAS, FC	FC

Data Protection and Network Components

ETERNUS CS800

Model	ETERNUS CS800 S6	
	Entry	Scale
Type	Backup appliance	
Capacity (net usable)	8 - 24 TB, 8 - 120 TB	32 - 352 TB
Capacity (logical)	Up to 1.2 PB, up to 6 PB	Up to 17.6 PB
Ethernet Ports (fixed)	5 x 1 GbE	3 x 1 GbE
Ethernet Ports (optional)	2 x 10 GbE	8 x 1 GbE or 4 x 10 GbE
Fibre Channel Ports (optional)	2 x 8 GbFC	4 x 8 GbFC
Hot Spare Option	No	Yes
NAS – supported protocols	CIFS, NFS	CIFS, NFS
NAS Shares (max.)	128	128
Partitions (max.)	64	64
Virtual Tape Cartridges (per partition)	9,000	9,000
Virtual Tape Drives (max.)	80	160
Tape Drive Emulations	DLT7000, LTO-1, LTO-2, LTO-3, LTO-4, LTO-5, SDLT 320, SDLT 600, SLT-S4	
Libraries Emulations	Quantum Scalar 24, Scalar 100, Scalar i2000, Scalar i500, Scalar i6000	
Performance	Up to 5.5 TB/h	tbd
Performance (max. SPEED mode)	Up to 13.4 TB/h	tbd
Standard software included	Deduplication, Replication, Path-to-Tape, OST	

ETERNUS CS8000

Model	ETERNUS CS8000 V6.1		
	CS8200	CS8400	CS8800
Type	Unified Backup and Archive Platform		
Architecture Type	Scale-up System	Scale-out-single-site System	Scale-out-split-site System
Front-end and Back-end Port Options	VTL, VTL with Dedup, NAS	VTL, VTL with Dedup, NAS	
VTL Front-end Ports	4 to 8 FC 16 Gb / FICON 8 Gb	4 to 40 FC 16 Gb / FICON 8 Gb	
Virtual Tape Drives	32 to 64	32 to 1,280	
NAS Front-end Ports	4 to 8 x 1 GbE or 2 to 8 x 10 GbE	4 to 40 x 1 GbE or 2 to 40 x 10 GbE	
Sustained Performance (max.)	30 TB/h	150 TB/h	
Internal RAID Capacity	7 TB to 1,392 TB	7 TB to 22,272 TB	
Internal VTL Deduplication Store Option (raw)	1 to 960 TB	1 to 4,800 TB	
Virtual Tape Volumes (max.)	300,000	1,500,000	3,000,000
NAS Shares (max.)	2,048	2,048	
Number of Files (max.)	2 Billion	2 Billion	
VTL Back-end Ports Option	4 to 8 FC 16 Gb	4 to 40 FC 16 Gb	
NAS Back-end Ports Option	- (no HSM)	4 to 16 active FC 16 Gb 4 to 16 passive FC 16 Gb	
Physical Tape Volumes (max.)	50,000	50,000	
Physical Tape Libraries (max.)	10	10	

ETERNUS CS200 S2

Model	Enrty	Scale
Type	Integrated Backup Appliance	
Capacity	1 - 36 TB	6 - 132 TB
Ethernet Ports	6 x 1 Gbps + 0 - 2 x 10 Gbps	6 x 1 Gbps + 2 x 10 Gbps
FC Ports	0 - 2 x 8 Gbps	2 x 8 Gbps
Tapeout	FC, SAS and USB-3	
Scalability	Appliance-internal & parallel operation of appliances	
Database performance	HDD 15krpm	SSD
Data protection functions	Backup & recovery, deduplication, archiving, encryption, application support, snapshot, replication, tape attachment	
Supported environments	Physical, virtual and NAS / NDMP systems	

Storage Software

ETERNUS SF: The ETERNUS SF storage management software is the uniform management solution for the entire ETERNUS DX series. All essential operations for storage resource management, monitoring, reporting, tiered storage, performance management, disaster resilience and business continuity are integrated.

ETERNUS SF at a glance:
- Management of all infrastructure devices based on a unified view
- Visualization of the relations between storage, network and physical servers or virtual servers
- Early detection and elimination of performance issues through performance monitoring
- Reduced initial system infrastructure through thin provisioning
- Fault management with support for fault resolution
- Hardware investment optimization through automated storage tiering
- Reduced storage system power consumption
- Central management for local and remote replication
- Automated Quality-of-Service management
- Non-stop availability with Storage Cluster

More information about our software portfolio is available on:
http://www.fujitsu.com/global/products/computing/storage/software/eternus-sf/index.html

Brocade Switches

Model	Brocade 300	Brocade 6505 / 6510 / 6520	Brocade 7800	Brocade VDX 6740 / 6740T / 6740T-1G	Brocade VDX 8770-4 / VDX 8770-8	Brocade DCX 8510-4 / DCX 8510-8
Type	Fibre Channel Switch			Fabric Extension	Converged Switch		Backbone
Ports	8, 16*, 24*	6505 : 12, 24* 6510 : 24, 36*, 48* 6520 : 48, 72*, 96*	16 (FC) 6 (FCIP)	6740 : 48 (1/10 GbE SFP+) / 4 (40 GbE QSFP+) 6740T : 48 (10GBASE-T) / 4 (40 GbE QSFP+) 6740T-1G : 48 (1000GBASE-T) / 2 (40 GbE QSFP+)	8770-4 : 192 (1 / 10 GbE SFP+) / 48 (40 GbE QSFP) 8770-8 : 384 (1 / 10 GbE SFP+) / 96 (40 GbE QSFP)	8510-4 : 256 (16 Gbit/s) / 44 (FCIP) 8510-8 : 512 (16 Gbit/s) / 44 (FCIP)
Speed	FC : 1, 2, 4, 8 Gbit/s	FC : 2, 4, 8, 16 Gbit/s	FC :1, 2, 4, 8 Gbit/s FCIP :1 Gbit/s	Ethernet : 1, 10 GbE	Ethernet : 1, 10, 40 GbE	FC : 2, 4, 8, 16 Gbit/s FCIP : 1, 10 Gbit/s

* Ports on Demand

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