FUJITSU

Data Sheet
Fujitsu FUTRO S900
Thin Client

The Expandable Multi-talent

The individually configurable Fujitsu FUTRO S900 thin client has all the flexibility you need to optimize secure server-based computing and desktop virtualization. This simple, reliable yet powerful front-end device is easy to integrate and manage. It also offers expansion slots and unique connectivity options to maximize user convenience. Plus, its long lifecycle helps you minimize TCO.

Green technology
Your company's contribution to environmental protection
■ A modern, environmentally conscious product concept - from development to recycling

Relaxed working
Quiet system for a pleasant working environment
■ Flash memory and passive cooling concept

Energy efficiency
Saves energy and reduces CO_2 emissions
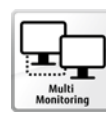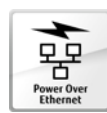■ Integrated system concept with power-saving components

Manageability
Easy administration while reducing total cost of ownership
■ Outstanding manageability solution

Backpack solution
Less space needed
■ The FUTRO S900 can be mounted behind the screen

Technical details Components

Memory modules	1 GB (1 module(s) 1 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
Graphics add on cards (optional)	NVIDIA® Quadro® NVS 300 LP, 512 MB
	LFH59/ 2x DVI-I adapter cable
	LFH59/ 2x DP adapter cable
	DP to DVI-D (single link) Adapter Cable
Hard disk drives (internal)	mSATA, 1 GB Flash drive
	mSATA, 2 GB Flash drive
	mSATA, 4 GB Flash drive
	mSATA, 8 GB Flash drive
	mSATA, 16 GB Flash drive
Interface add on cards/components (optional)	
	WLAN module
	Parallel Card (1 Port)
	Internal speaker
	Dual serial card PCIe x1
	2nd LAN/PoE module
Base unit	FUTRO S900
Operating system and software (Linux)	
Operating system	eLux® RL - Embedded Linux
Functions	ICA-Client
	RDP-Client
	Browser Mozilla Firefox
	Acrobat Reader
	Tarantella-Client
	Terminal emulations for ANSI, 97801, VT320
	X.11 terminal application
	Local SAP GUI (optional, available at www.myelux.com)
	VMware® View 4 Client (including support for PCoIP)
Manageability	Scout EP V12, Flash memory management, Embedded operating system update and system monitoring, Managing devices by location, group or user, Individual operating system composition with ELIAS (only with eLux® RL)
VPN (Linux)	VPN client from Cisco (optional, provided by UniCon Software Development)
Operating system and software (Windows)	
Operating system	Windows® Embedded Standard 7
Functions	ICA-Client
	RDP-Client 7.1 with RemoteFX support
	Internet Explorer
	Windows Installer
	Acrobat Reader
	Media Player
	VMware® View 4 Client (including support for PCoIP)
Manageability	Scout EP V12
VPN (Windows)	VPN through CUZ available
Mainboard	
Mainboard type	D3003-A
Formfactor	miniITX
Processor	AMD G-Series G-T44R (1.2 GHz, 512 KB)

Mainboard

Processor options	AMD FX T56N (2 Cores / 2 Threads, 1.65 GHz, 2 x 512 KB)
Chipset	AMD A55E Controller Hub
Processor quantity maximum	1
Memory slots	2 SO DIMM (DDR3, 1066 MHz)
Supported capacity RAM (max.)	4 GB
LAN	Built-in 10/100/1000 MBit/s
Audio type	On board
Audio codec	Realtek ALC262
Audio features	AC'97 codec

Slots

PCI-Express x1	1 x (155 mm /) low profile (optional)
PCI (32-bit / 33 MHz)	1 x (155 mm /) low profile (optional)

Interfaces

DC-in	1
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: line-in / microphone	1
USB 2.0 total	8
USB front	2
USB rear	4
USB internal	2
DisplayPort	1 DP
DVI	1 DVI-I (integrated VGA can be used with DVI-VGA adapter)
Serial (RS-232)	2 external
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Kensington Lock support	1

Graphics

Graphics brand name	ATI Radeon™ HD 6250
Graphics color depth	32 bit colors
Shared video memory	up to 256 MB
Refresh rate 1024 x 768 (recommended / max.)	60 Hz / 85 Hz
Refresh rate 1280 x 1024 (recommended / max.)	60 Hz / 85 Hz
Refresh rate 1600 x 1200 (recommended / max.)	60 Hz / 85 Hz
TFT resolution (VGA)	1920 x 1200 pixel
TFT resolution (DVI)	1920 x 1200 pixel
TFT resolution (DisplayPort)	1920 x 1200 pixel
Graphics features	DirectX 11 Shader Model 5 Open CL™ 1.1 (depending on CPU) OpenGL 4.1

Network

Network	TCP/IP with DNS and DHCP Point-to-Point protocol Supported Citrix Load Balancing over ICA DHCP support for automatic firmware upgrades and unit configuration Multiple master browser support on ICA
Hard disk drives (internal)	

Electrical values

Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	100 V - 240 V (AC Input)
Operating line frequency range	50 Hz - 60 Hz

Power consumption for standard configuration with Windows Embedded Standard

Power consumption: Maximum (S0, running appl.)	24 W
Power consumption: Idle (S0, running OS, Idle mode)	9.7 W (typical configuration)
Power consumption: Minimum (ACPI status S5, soft off, WOL enabled)	0.58 W

Dimensions / Weight / Environmental

Dimension with stand (W x D x H)	97 x 191 x 266 mm
Operating position	Vertical / horizontal
Weight	1,3 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C
Operating relative humidity	5 - 85 % (relative humidity)

Compliance

Product	FUTRO S900
Model	TCS-D3003A
Germany	GS
Europe	CE certification according to EC Directive 2004/108/EEC CB
USA/Canada	CSA ICES-003 Class B CAN/CSA
Global	ENERGY STAR® 5.0 RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) EPEAT® Silver (dedicated regions)
India	WPC
Russia	GOST
Compliance notes	Energy Star compliance may vary depending on actual configuration
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates/default.aspx

Security

Audit proof protection	Write protection for the Flash module

Warranty

Service level	(depending on country)

Maintenance and Support Services - the perfect extension

Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://www.fujitsu.com/fts/services/support

More information

Fujitsu platform solutions

In addition to Fujitsu FUTRO S900, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu FUTRO S900, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. www.fujitsu.com/fts/FUTRO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

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