FUJITSU

Data Sheet
Fujitsu FUTRO X913-T
Thin Client

More Than Just a Thin Client

The stylish Fujitsu FUTRO X913-T with full advantages of a thin client is your choice for highly secure server-based computing and desktop virtualization. Being member of the X line family, incorporating 3 different technologies in a monolith design, a uniform appearance at your workplace is ensured. Benefit from innovative features for easy log-in, energy savings plus a user-friendly multi-position 58.4 cm (23-inch) touch display. Significant TCO savings are achieved with sophisticated management options.

Stunning uniform design
Smooth migration from Fat Client to Thin Client computing
- One design for heterogeneous IT landscape

Touch display
Comfortable working to increase your productivity
- Touch display combined with full ergonomics

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

Future proof technology
Prepare your workplace for the future
- Innovative features like Power over Ethernet or automated log-in

Energy savings
Significant energy savings with presence sensor
- Automated display turn-off when user leaves desk

Technical details Components

Display	
Multi-Touch Support	supported by hardware
Tilt angle	-3° / +35°
Contrast - advanced	10,000,000:1
Response time typical	14 ms
Viewing angle (h/v) - typical	178°/178° CR10:1
Color performance	16.7 million colors (Hi-FRC)
Brightness - typical	250 cd/m
Aspect ratio	16:9
Diagonal Size	58.4 cm (23-inch)
Resolution (native)	1920 x 1080 pixel
Pixel Pitch	0.265 mm
Memory modules	2 GB (1 module(s) 2 GB) DDR3, non-ECC, 1600 MHz, PC3-12800, SO DIMM
Graphics	DVI to VGA Adapter
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 Atheros HB116 a/g/n (dedicated regions only)
Base unit	FUTRO X913-T
Operating system and software (Linux)	
Operating system	eLux™ RP – Embedded Linux
Functions	Citrix® Receiver for Linux (for ICA / HDX protocol), V12.1.6.0-5
	Citrix® HDX RealTime Media Engine, V1.4.0.902-1
	VMware® View Client (for PCoIP protocol), V5.2.1.1-3 (optional)
	FreeRDP Client (for RDP protocol), V1.0.2.1-10
	RDPConnect, V3.1-1
	Adobe® Flash Player 11 for Linux, V11.2.202.297-1
	Mozilla Firefox® Browser, V17.0.5-3
	VPN System, V4.1-1
	ThinPrint® client, V7.0.41-1
	Bios_tools for remote BIOS updates via Scout Enterprise), V1.0-1
	PowerTerm InterConnect, V7.1.2-3, (requires additional license for activation)
	Updates and all available software packages for eLux™ RP can be downloaded from www.myelux.com
Manageability	optional: Scout Enterprise for flash memory management, embedded operating system update and system monitoring, managing devices by location, group or user, individual operating system composition with ELIAS
Operating system and software (Windows)	
Operating system	Windows® Embedded Standard 7 (WS7P)

Operating system and software (Windows)

Functions	Language: EN, DE (FR, IT, ES in addition for pre-installation 1)
	Citrix Receiver Enterprise 3.4
	VMware View Client 5.2.1
	RDP-Client Protocol V 7.1 with RemoteFX
	Scout Agent for WES 7 (Build 57)
	WEDM Microsoft Windows Embedded Device Manager
	Sumatra PDF Reader 2.1.1
	DotNET Framework 2.0, 3.0, 3.5 (4.0 in addition for pre-installation 1)
	Internet Explorer 9
	Media Player 12
	Premium Multimedia Codecs
	Adobe Flashplayer 11.5
	Security (SmartCard Reader support)
	FBWF File Base Write Filter, EWF Enhanced Write Filter
Manageability	Scout Enterprise

Mainboard

Mainboard type	D3203
Formfactor	proprietary
Processor	AMD G-Series G-T44R (1.2 GHz, 512 KB)
Processor options	AMD G-Series G-T40N (2 Cores / 2 Threads, 1.00 GHz, Dual Core, 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	10/100/1000 MBit/s Realtek RTL 8111E
BIOS features	BIOS Flash EPROM update by software
	Recovery BIOS
	Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC663
Audio features	Internal stereo speakers

Interfaces

	FUTRO X913-T
Audio left side: line-out / headphone	1
Audio left side: line-in / microphone	1
Internal microphones	integrated in presence sensor and multi media module (optional)
USB 2.0 total	8
USB rear	4
USB left side	2
USB internal	2
VGA	1 (via DVI to VGA adapter, part of shipment)
DVI	1 DVI-I (integrated VGA can be used with DVI-VGA adapter)
Serial (RS-232)	1 external
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Kensington Lock support	2

Input device / components

	Optical USB wheel mouse
Input devices (optional)	Laser Mouse GL9000
	Keyboard KB410 PS2 black
	Keyboard KB410 USB black
	Keyboard KB900 USB black
	Mouse M440 ECO

Graphics on board

Graphics brand name	AMD Radeon™ HD 6250
Shared video memory	up to 256 MB
TFT resolution (VGA)	up to 1920 x 1200 pixel
TFT resolution (DVI)	up to 1920 x 1200 pixel
Graphics features	DirectX 11
	Shader Model 5
	Open CL® 1.1 (depending on CPU)
	OpenGL 4.1

Electrical values

Power efficiency note	power supply efficiency (at 115V/230V; 10% / 20% / 50% / 100% load) : 87% / 88% / 90% / 90%
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	65 W (integrated in system)
Power factor correction/active power	No (meets input harmonic current according EN61000-3-2)
Monitor outlet	No

Power consumption

Power consumption: Maximum (S0, running appl.)	35 W
Power consumption: Idle (S0, running OS, Idle mode)	9 W
Power consumption: Minimum (ACPI status S5, soft off, WOL enabled)	0,87 W

Dimensions / Weight / Environmental

Dimensions (W x D x H)	533 x 224 x 419 mm
	20.99 x 8.82 x 16.5 inch
Operating position	Vertical
Weight	8.0 kg
Weight (lbs)	15.44 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35 ℃ (50 - 95 ℉)

Compliance

Product	FUTRO X913-T
Model	MPC2-D3203
Europe	CE
USA/Canada	FCC Class B
	cCSAus
Global	RoHS (Restriction of hazardous substances)
	WEEE (Waste electrical and electronic equipment)
	ENERGY STAR® in progress
	EPEAT® in progress (dedicated regions)
Japan	VCCI Class B
Russia	GOST
South Korea	KC
Taiwan	BSMI
Saudi Arabia	SASO
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates

Security

Physical Security	Kensington Lock support

Security	
System and BIOS Security	Boot sector virus protection
	Write protect option for the Flash EPROM
	Embedded security (TPM 1.2) (optional)
	Control of all USB interfaces
	Control of external interfaces
User Security	User and supervisor BIOS password
	Access protection via internal SmartCard reader (optional)
	Access protection via external SmartCard reader (optional)

Warranty	
Standard Warranty	2 years (depending on country)
Service level	Bring-in Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations, minimum: 2 years material warranty)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Maintenance and Support Services - the perfect extension

Recommended Service	9x5, Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

Midspan Micro Semi PD-9501G		Midspan Micro Semi PD-9501G is a single port Power over Ethernet solution, specially designed to power IEEE 802.11n and other high power Ethernet end Terminals with 60W. It is fully backward compatible and easy to implement in your existing Ethernet infrastructure.	Order Code: S26361-F1744-L10
Midspan Micro Semi PD-9512G		Midspan Micro Semi PD-9512G is a Power over Ethernet solution with 12 ports, -72W per port, specially designed to power network devices like cameras, access control systems, Thin Clients and other Ethernet end terminals. It is fully backward compatible and supports IPv4 and IPv6.	Order Code: S26361-F1744-L20
Privacy filter		Privacy filters help block the screen view from anyone viewing the computer from a side view. 3M's unique microlouver privacy technology allows persons directly in front of the computer to see on-screen data clearly	Order Code: S26391-F6097-L322
Longshine Switch		The 16-Port 10/100/1000 Mbps Gigabit Longshine switch provides you a real Gigabit connection. Users are able to transfer large files with high bandwidth requirements faster while administrators experience a real efficiency improvement. The fanless Longshine switch is energy efficient, easy to install and fully compliant with all kinds of network protocols.	Order Code: S26391-F6055-L416
Blue LED Mouse GL9000		Blue LED Mouse GL9000 comes in a slim design with proven Fujitsu engineering quality. The state-of-the-art blue LED sensor enables ultra precise switchable resolution at 1,000, 1,500 and 2,000 dpi. Blue LED Mouse GL9000 makes your life easier because it's tailor-made for right handed users. It just feels great in your hand.	Order Code: S26381-K438-L100

More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu FUTRO X913-T, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

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

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu FUTRO X913-T, 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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