

Data Sheet

FUJITSU Thin Client FUTRO S930

The Expandable Multi-talent

The Fujitsu FUTRO S930 cloud end-point device helps you deploy large IT installations securely with just a few clicks enabling you to maintain, optimize and save costs in the long run. Thin Clients provide the right balance of computing power and data security ideal for companies operating in industries that have stringent regulatory compliances.

Robust Security

Helps prevent unauthorized access to mission-critical, sensitive data and meet the regulatory compliances of your respective industry

- In-built BIOS Security, Write Filter Protection, Access Protection and Intrusion Switch

Easy Manageability

Supports Linux- and Windows-based OS platforms enabling you to choose based on your existing IT environment

- eLux® OS, Scout Enterprise Management Suite and Windows IoT Enterprise for Thin Clients

High Flexibility

Enables you to leverage existing IT systems such as desktop PCs and transferring the same license to newly acquired Thin Clients after End-of-Life (EOL)

- eLux® OS licensing model and easy migration option for existing hardware systems within your IT infrastructure

Lean IT ready and Backpack solutions

Helps you reduce energy consumption, provide a clean desk and noise-free computing experience for your workforce

- Low Power consumption, zero noise, space saving and backpack solutions

Full Productivity

Enables your workforce to be more productive with UC&C and multiple display options that can get work done faster and more efficiently

- Unified Communications & Collaboration (UC&C) and Multi-monitor display



Technical details Components

Memory modules	4 GB (1 module(s) 4 GB) DDR3, 1,600 MHz, PC3-12800, SO DIMM
Graphics	DVI-I to VGA Adapter DP to DVI-D (single link) Adapter Cable AMD FirePro™ W2100, 2 GB
Hard disk drives (internal)	mSATA, 64 GB, Flash drive (MLC technology), 124 TBW* mSATA, 32 GB, Flash drive (MLC technology), 62 TBW* mSATA, 16 GB, Flash drive (MLC technology), 31 TBW* mSATA, 8 GB, Flash drive (MLC technology), 15 TBW*
Hard disk notes	<p>Important Notice for mSATA Module Use: Due to MLC Technology the device only supports a defined maximum number of Terabytes written.</p> <p>Any and all warranty for such devices is limited to this maximum Terabytes written. Please notice the section "restricted warranty" in our warranty book.</p> <p>Fujitsu therefore strongly recommends to activate the write filter of the mSATA module once the configuration is finished. This activation ensures the durability of the flash module and is also mandatory to ensure a highest level of IT security (e.g. against virus attacks). In case of a need to enable further write cycles the write filter can then be deactivated again at any time.</p> <p>*Terabytes written (TBW) calculated based on JESD-218 SSD Client workload One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.</p>
Interface add on cards/components (optional)	PCIe Riser Parallel Port Internal speaker Dual serial card PCIe x1 3rd COM port (RS232) 2nd LAN/Power-over-Ethernet module
Base unit	FUTRO S930
Operating system and software (Linux)	
Operating system	eLux® RP – Embedded Linux
Functions	eLux® RP 5 BaseOS eLux® RP, V5.6.0-8 ICA client, V13.5.0.1-1 VMware® Horizon View Client, V6.4.0.0-1 (optional) eLuxRDP, V1.0-11 Mozilla Firefox® Browser, V45.3.0-7 VPN System, V6.1-3 BIOS tools for remote BIOS updates via Scout Enterprise, V4.0-1 Updates and all available software packages for eLux® RP 5 can be downloaded from www.mylux.com
Manageability	Scout Enterprise, flash memory management, embedded operating system update and system monitoring, BIOS update, managing devices by location, group or user, individual operating system composition with ELIAS (Scout Enterprise license required)
Operating system	Windows® 10 IoT Enterprise (Win10IoT)

Functions	Language: ENG, GER, FRA, ITA, ESP, DUT Citrix Receiver 4.4.1000 (14.4.1000.16) VMware Horizon Client 4.1.0.1487 RDP-Client Protocol V 10.0 with RemoteFX DotNET Framework 2.0, 3.0, 3.5, 4.0, (4.5.1, 4.5.2,) 4.6 Internet Explorer 11.0.10240.16942 Update 11.0.32 (KB3160005) Media Player 12.0.10240.16384 Security (SmartCard Reader support) USB CD-ROM support Unified Write Filter (UWF) Visual Studio C++ Restributable 2008 (x86), 2010, 2012, 2013 Scout Agent Windows (1.3.1.130) WEDM Microsoft Windows Embedded Device Manager TigerVNC (for mirroring) 1.4.2
Manageability	Flash memory management, embedded operating system update and system monitoring, managing devices by location, group or user, cloning functionality and remote updates for applications and patches
Mainboard	
Mainboard type	D3313-Ex
Formfactor	miniITX
Processor options	AMD G-Series GX-424CC (2.40 GHz, Quad Core, 2 MB, AMD Radeon™ R5E)
Processor quantity maximum	1
Memory slots	2
Supported capacity RAM (max.)	8 GB
LAN	Built-in 10/100/1,000 MBit/s
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC671
Slots	
PCI-Express x4 (mech x16)	1 x (155 mm /) low profile (optional)
Interfaces	
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: line-in / microphone	1
USB 2.0 total	5
USB 3.1 Gen1 (USB 3.0) total	2
USB front	2
USB rear	4
USB internal	1 (9 pin header)
DisplayPort	1 DP
DVI	1 DVI-I
Serial (RS-232)	2 external, 1 additional optional
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Graphics	
Graphics brand name	AMD Radeon™ R5E (in combination with AMD G-Series GX-424CC)
Graphics color depth	32 bit colors
Shared video memory	up to 2 GB, BIOS default 256 MB
TFT resolution (VGA)	up to 1,920 x 1,200 pixel
TFT resolution (DVI)	up to 1,920 x 1,200 pixel
TFT resolution (DisplayPort)	up to 3840 x 2160 @ 30 Hz

Graphics

Graphics features	DirectX® 11.1 Shader Model 5 Open CL® 1.2 OpenGL® 4.2
Graphics notes	Graphics resolution depending on operating system and management solution.

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

Hard disk notes	Important Notice for mSATA Module Use: Due to MLC Technology the device only supports a defined maximum number of Terabytes written. Any and all warranty for such devices is limited to this maximum Terabytes written. Please notice the section "restricted warranty" in our warranty book. Fujitsu therefore strongly recommends to activate the write filter of the mSATA module once the configuration is finished. This activation ensures the durability of the flash module and is also mandatory to ensure a highest level of IT security (e.g. against virus attacks). In case of a need to enable further write cycles the write filter can then be deactivated again at any time. *Terabytes written (TBW) calculated based on JESD-218 SSD Client workload One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.
------------------------	---

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

Dimensions / Weight / Environmental

Dimension with stand (W x D x H)	97 x 195 x 267 mm
Dimensions (W x D x H)	52 x 195 x 250 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 S930
Model	TCS-D3313
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

Security

Physical Security	Kensington Lock support Intrusion switch
System and BIOS Security	Write protection for the Flash module Optional: Trusted platform module (TPM 1.2)
User Security	Access protection via internal SmartCard reader (optional)

Warranty

Warranty period	2 years (depending on country)
Warranty type	Bring-In Service (for countries within region EMEA, for all other countries depending on local regulations)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Product Related Services - the perfect extension

Recommended Service	X - 9x5, Onsite Response Time: Next Business Day
Spare Parts availability	5 years after end of product life

Warranty

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

Universal Monitor Stand



Save desk space without compromising performance or productivity with the Universal Monitor Stand that brings together a FUJITSU Desktop ESPRIMO Q mini PC or FUJITSU Thin Client FUTRO and a VESA compatible FUJITSU Display. For optimum ergonomics the height and tilt angle of the display can be adjusted, helping you to stay productive and comfortable, whilst hassle-free installation of the devices on the stand makes the life of your IT department easier.

Order Code:
S26361-F2601-L700

More information

Fujitsu products, solutions & services

In addition to FUJITSU Thin Client FUTRO S930, 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/products/computing/

Software

www.fujitsu.com/software/

More information

Learn more about FUJITSU Thin Client FUTRO S930, 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>



Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see <http://www.fujitsu.com/fts/resources/navigation/terms-of-use.html>
Copyright 2018 Fujitsu Technology Solutions GmbH

Disclaimer

Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact

Fujitsu Technology Solutions GmbH
Website: www.fujitsu.com/fts
2018-01-11 EM-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see <http://www.fujitsu.com/fts/resources/navigation/terms-of-use.html>
Copyright 2018 Fujitsu Technology Solutions GmbH