

# 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



# Windows 10

# Technical details Components

<b>Memory modules</b>	4 GB (1 module(s) 4 GB) DDR3, 1,600 MT/s, PC3-12800, SO DIMM
<b>Graphics</b>	DVI-I to VGA Adapter DP to DVI-D (single link) Adapter Cable
<b>Hard disk drives (internal)</b>	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*
<b>Hard disk notes</b>	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.
<b>Interface add on cards/components (optional)</b>	PCIe Riser Parallel Port Internal speaker Dual serial card PCIe x1 2nd LAN/Power-over-Ethernet module, IEEE802.3at (max. 25.5W system power)
<b>Base unit</b>	FUTRO S930
<b>Operating system and software (Linux)</b>	
<b>Operating system</b>	eLux® RP – Embedded Linux
<b>Operating system notes</b>	Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Window 10 releases for a period of maximum 5 years – depending on the available extension of hardware services through FUJITSU Warranty top ups. For details please see "FUJITSU Service Statement for Windows 10 Semi-Annual-Channel Support" at <a href="http://support.ts.fujitsu.com">http://support.ts.fujitsu.com</a> .
<b>Functions</b>	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 <a href="http://www.mylux.com">www.mylux.com</a>
<b>Manageability</b>	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 (eLux and Scout Enterprise Management Suite license required)
<b>Operating system</b>	Windows® 10 IoT Enterprise (Win10IoT)

<b>Functions</b>	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
<b>Manageability</b>	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
<b>Mainboard</b>	
<b>Mainboard type</b>	D3313-Ex
<b>Formfactor</b>	miniITX
<b>Processor options</b>	AMD G-Series GX-424CC (2.40 GHz, Quad Core, 2 MB, AMD Radeon™ R5E)
<b>Processor quantity maximum</b>	1
<b>Memory slots</b>	2
<b>Supported capacity RAM (max.)</b>	8 GB
<b>LAN</b>	Built-in 10/100/1,000 MBit/s
<b>BIOS features</b>	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
<b>Audio type</b>	On board
<b>Audio codec</b>	Realtek ALC671
<b>Slots</b>	
<b>PCI-Express x4 (mech x16)</b>	1 x (155 mm / ) low profile (optional)
<b>Interfaces</b>	
<b>Audio: line-in</b>	1
<b>Audio: line-out</b>	1
<b>Front audio: headphone</b>	1
<b>Front audio: line-in / microphone</b>	1
<b>USB 2.0 total</b>	5
<b>USB 3.1 Gen1 (USB 3.0) total</b>	2
<b>USB front</b>	2
<b>USB rear</b>	4
<b>USB internal</b>	1 (9 pin header)
<b>DisplayPort</b>	1 DP
<b>DVI</b>	1 DVI-I
<b>Serial (RS-232)</b>	2 external, 1 additional optional
<b>Mouse / Keyboard (PS/2)</b>	2
<b>Ethernet (RJ-45)</b>	1
<b>Graphics</b>	
<b>Graphics brand name</b>	AMD Radeon™ R5E (in combination with AMD G-Series GX-424CC)
<b>Graphics color depth</b>	32 bit colors
<b>Shared video memory</b>	up to 2 GB, BIOS default 256 MB
<b>TFT resolution (VGA)</b>	up to 1,920 x 1,200 pixel
<b>TFT resolution (DVI)</b>	up to 1,920 x 1,200 pixel
<b>TFT resolution (DisplayPort)</b>	up to 3,840 x 2,160 @ 30 Hz

**Graphics**

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

**Network**

<b>Network</b>	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
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**Hard disk**

<b>Hard disk notes</b>	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.
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**Electrical values**

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

**Dimensions / Weight / Environmental**

<b>Dimension with stand (W x D x H)</b>	97 x 195 x 267 mm
<b>Dimensions (W x D x H)</b>	52 x 195 x 250 mm
<b>Operating position</b>	Vertical / horizontal
<b>Weight</b>	1.3 kg
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Operating ambient temperature</b>	10 - 35 °C
<b>Operating relative humidity</b>	5 - 85 % (relative humidity)

**Compliance**

<b>Product</b>	FUTRO S930
<b>Model</b>	TCS-D3313
<b>Russia</b>	EAC
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Security**

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

**Warranty**

<b>Warranty period</b>	2 years (depending on country)
<b>Warranty type</b>	Bring-In Service (for countries within region EMEA, for all other countries depending on local regulations)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>

**Product Support Services - the perfect extension**

<b>Recommended Service</b>	9x5, Onsite Response Time: Next Business Day
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**Warranty**

**Spare Parts availability** 5 years after end of product life

**Service Weblink** <http://www.fujitsu.com/emeia/products/product-support-services/>

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## Recommended Accessories

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**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/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://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/emeia/FUTRO](http://www.fujitsu.com/emeia/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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