

# Data Sheet

## FUJITSU Thin Client FUTRO S940

### Future-ready Flexible Thin Client

The FUTRO S940 is a future-ready, flexible Thin Client device with an optimal mix of industry leading OS and Thin Client device management consoles, ISV protocols and highly flexible hardware options helping you provide secure computing and full productivity options for your employees for creating the workplace of the future.

#### eLux® RP 6 Thin Client OS and Scout Enterprise Management Suite® 15

Enables you to save on costs upfront and keep your IT infrastructure secure and up-to-date with continuous security patch releases

- Unicon offers a flexible licensing model that includes the eLux OS and Scout Enterprise Management Suite with long term support for the latest updates

#### Enterprise-grade Security

Enables you to provide a secure end-point device that helps prevent unauthorized access to sensitive enterprise data

- Centralized administration and granular access controls coupled with built-in BIOS Security, Write Filter Protection and Kensington lock support

#### Full productivity

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

- UC&C ready with multi-monitor support for up to four 4K displays and ideal mix of modern (Type-C) and legacy interfaces

#### Investment Protection

Helps you run your Thin Clients on the latest and most secure versions of the eLux RP and Scout Enterprise Management Suite

- Scout Subscription helps provide perpetual updates and upgrades to eLux RP 6 and Scout Enterprise Management Suite 15

#### Lean IT ready

Helps you modernize your workspaces by promoting a Lean IT, clean desk and ergonomic approach without compromising on performance

- Small footprint, Fanless design, Power-over-Ethernet (PoE) option and optimal Performance-to-Power ratio

Enables you to mount the Flexible Thin Client device using VESA interfaces behind the monitor



# Windows 10

# Technical details Components

<b>Memory modules</b>	4 GB (1 module(s) 4 GB) DDR4, 2,400 MHz, SO DIMM 8 GB (1 module(s) 8 GB) DDR4, 2,400 MHz, SO DIMM
<b>Graphics</b>	DP to DVI-D (single link) Adapter Cable Display Port to VGA Adapter AMD® Radeon R7 340, 2 GB
<b>Hard disk drives (internal)</b>	SSD SATA, 128 GB, M.2 module, Flash drive (MLC technology), 208 TBW* SSD SATA, 64 GB, M.2 module, Flash drive (MLC technology), 124 TBW* SSD SATA, 32 GB, M.2 module, Flash drive (MLC technology), 62 TBW* SSD SATA, 16 GB, M.2 module, Flash drive (MLC technology), 31 TBW* SSD SATA, 8 GB, M.2 module, Flash drive (MLC technology), 15 TBW*
<b>Interface add on cards/components (optional)</b>	USB 3.1 (gen2) Type-C PCIe x 4 USB 3.1 (gen1) Type-C PCIe Riser Parallel Port Internal speaker Intel® Dual Band Wireless-AC 9260 Dual serial card PCIe x1 2nd LAN/Power-over-Ethernet module
<b>Base unit</b>	FUTRO S940
<b>Operating system and software (Linux)</b>	
<b>Operating system</b>	eLux® RP
<b>Functions</b>	eLux® RP 6 Updates and optional software packages are available at <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, managing devices by location, group or user, individual operating system composition with ELIAS (Scout Enterprise license required)
<b>Operating system and software (Windows)</b>	
<b>Operating system</b>	Windows® 10 IoT Enterprise (Win10IoT)
<b>Functions</b>	Internet Explorer Citrix Receiver VMware® Horizon Client
<b>Manageability</b>	managing devices by location, group or user
<b>Mainboard</b>	
<b>Mainboard type</b>	D3543-A
<b>Formfactor</b>	miniITX
<b>Processor</b>	Intel® Pentium® Silver J5005 (Quad Core, 1.5 GHz, up to 2.8 GHz, Intel® UHD Graphics 605) (, )
<b>Memory slots</b>	2 SO DIMM (DDR4, 2400 MHz)
<b>Supported capacity RAM (max.)</b>	16 GB
<b>LAN</b>	Built-in 10/100/1,000 MBit/s Realtek RTL8111G
<b>BIOS features</b>	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
<b>Audio type</b>	On board

**Mainboard**

Audio codec	Realtek ALC671
-------------	----------------

**Interfaces**

Audio: line-in	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	4 rear
USB 3.1 Gen1 (USB 3.0) total	2 front + 1x Type-C rear as option
USB front	2
USB rear	4 + 1 (optional)
USB internal	1 pin header (2x USB 2.0)
DisplayPort	2x DP1.2a
Serial (RS-232)	2
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Parallel	1x as option

Graphics brand name	Intel® UHD Graphics 605
---------------------	-------------------------

Graphics color depth	32 bit colors
----------------------	---------------

Shared video memory	up to 1.5 GB
---------------------	--------------

TFT resolution (DisplayPort)	up to 4,096 x 2,160 @ 60Hz
------------------------------	----------------------------

Graphics features	DirectX® 12 OpenGL® 4.4 Open CL® 1.2 OpenGL® ES 3.1 Vulkan™
-------------------	---

Graphics notes	Graphics resolution and features depending on operating system and management solution.
----------------	---

**Hard disk**

Hard disk notes	<p>Important Notice for M.2 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 M.2 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>
-----------------	---

**Electrical values**

Power consumption long idle	10 W
Power consumption sleep mode power	1.14 W (WoL enabled)
Power consumption off mode power	0.2 W (WoL disabled)
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)	90 x 193 x 261 mm
Dimensions (W x D x H)	52 x 193 x 250 mm
Operating position	Vertical / horizontal
Weight	1048 g
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35 °C

**Dimensions / Weight / Environmental**

Operating relative humidity	5 - 85 % (relative humidity)
-----------------------------	------------------------------

**Compliance**

Product	FUTRO S940
Model	TCS-D3543
Germany	GS
Europe	CE EPEAT® Gold (in progress)
Russia	EAC
China	CCC (planned)
Australia/New Zealand	RCM
Compliance notes	Energy Star compliance may vary depending on actual configuration
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Security**

Physical Security	Kensington Lock support Intrusion switch
System and BIOS Security	Trusted Platform Module (TPM 2.0), optional without TPM User and supervisor BIOS password
User Security	Access protection via internal SmartCard reader (optional)

**Warranty**

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

**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
Service Weblink	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

## Recommended Accessories

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Thin Client FUTRO S940, 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 S940, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts/FUTRO](http://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](http://www.fujitsu.com/fts)  
2018-06-01 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