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

Technical details Components

Memory modules	4 GB (1 module(s) 4 GB) DDR4, 2,400 MT/s, SO DIMM
	8 GB (1 module(s) 8 GB) DDR4, 2,400 MT/s, SO DIMM
Graphics	NVIDIA® Quadro® P400 , 2 GB
	MiniDP to DP Adapter Cable
	DP to DVI-D (single link) Adapter Cable
	Display Port to VGA Adapter
Hard disk drives (internal)	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*
Interface add on cards/components (optional)	
	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, IEEE802.3at (max. 25.5W system power)
Base unit	FUTRO S940

Operating system and software (Linux)

Operating system	eLux® RP
Notes	eLux® is a hardware-independent operating system for cloud computing environments. eLux ensures hardware independence and migration ability. An existing license can simply be transferred via Scout Enterprise whenever the hardware is upgraded. New updates and upgrades are always built modular – only the changed parts (delta) of the software are transferred to the device and implemented into the existing installation. Software updates and upgrades are available around the clock at myelux.com.
Functions	eLux® RP 6 Citrix Receiver VMware® Horizon Client Updates and optional software packages are available at www.myelux.com
Manageability	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 (eLux and Scout Enterprise Management Suite license required)

Operating system and software (Windows 10 IoT)

Operating system	Windows® 10 IoT Enterprise 2019 LTSC Windows® 10 IoT Enterprise 2016 LTSB
Notes	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 http://support.ts.fujitsu.com.
Functions	Internet Explorer Citrix Receiver VMware® Horizon Client

Mainboard

Mainboard type	D3543-A1

Mainboard

Formfactor	miniITX
Processor	Intel® Pentium® Silver J5005 (Quad Core, 1.5 GHz, up to 2.8 GHz, Intel® UHD Graphics 605) (,)
Memory slots	2 SO DIMM (DDR4, 2400 MHz)
Supported capacity RAM (max.)	16 GB
LAN	Built-in 10/100/1,000 MBit/s Realtek RTL8111G
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
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. Three displays up to 2560 x 1440 pixels are supported via Daisy Chain (display 1 at DisplayPort 1, display 2 at DisplayPort 2, display 3 via Daisy Chain at display 1 or 2).

Hard disk

Hard disk notes	Important Notice for M.2 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 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. *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

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)

Electrical values

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
Dimension notes	Dimensions with WiFi (W x D x H): 58 x 193 x 250 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 ℃
Operating relative humidity	5 - 85 % (relative humidity)

Compliance

Product	FUTRO S940
Model	TCS-D3543
Germany	GS
Europe	CE
Global	ENERGY STAR® 7.1 compliant
India	BIS R41005045
Russia	EAC
China	CCC
Australia/New Zealand	RCM
Compliance notes	Energy Star compliance may vary depending on actual configuration Product Name maybe followed by suffixes
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

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 EMEIA, for all other countries depending on local regulations)
Warranty Terms & Conditions	http://www.fujitsu.com/warranty

Product Support Services - the perfect extension

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

Recommended Accessories

VESA Subadapter Velcro® strap for FUJITSU FUTRO Thin Clients	To mount the FUTRO system at rear side of the monitor. Contents: Subadapter, screws, bolts. Please check the compatibility of the monitor.	Order Code: S26361-F2601-L200

| eLux® RP & Scout Enterprise Management Suite® | | Scout Enterprise Management Suite® ensures scalability, high availability and enabling the management of an unlimited number of Thin Clients and PCs with eLux® OS or Windows operating systems. eLux OS is an open, hardware agnostic operating system designed for cloud end points such as Thin Clients with a modular design, offering easy licensing options and migration alternatives. | Order Code: S26361-F2727-L801 |

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/

Software
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/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

Copyrights

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, 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/emeia/resources/navigation/terms-of-use.html
Copyright 2019 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 owner, the use of which by third parties for their own purposes may infringe the rights of such owner.