

Data Sheet

FUJITSU Thin Client FUTRO Q940 PalmSecure™ Appliance

Future-ready Flexible Thin Client

The FUTRO Q940 PalmSecure Appliance is a future-ready, flexible Thin Client device with integrated PalmSecure technology. The FUTRO Q940 provides an optimal mix of robust security with industry leading OS, PalmVein Authentication software supporting 1:N login and thin client device management consoles enabling secure computing and full manageability options for your workplace.

Advanced Biometric Security with PalmSecure technology

Helps you add an extra layer of advanced contact less biometric security before a user accesses the network through the thin client device

- Integrated PalmSecure sensor that uses Fujitsu's unique Palm vein recognition technology to ensure a secure login into your workspace

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 PalmVein sensor, BIOS Security, Write Filter Protection and Kensington lock support

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 that include the latest updates

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 (USB 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



Technical details Components

Graphics	DP to DVI-D (single link) Adapter Cable Display Port to VGA Adapter
Interface add on cards/components (optional)	Intel® Dual Band Wireless-AC 9260
Base unit	FUTRO Q940
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, BIOS update, managing devices by location, group or user, individual operating system composition with ELIAS (eLux and Scout Enterprise Management Suite license required)
Mainboard	
Mainboard type	D3543-A1
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
Audio notes	Loudspeaker
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
USB front	2
USB rear	5
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

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 × 2,160
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 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</p> <p>One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.</p>
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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)	54 x 193 x 250 mm
Operating position	Vertical / horizontal
Weight	1062 g
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 Q940
Model	TCS-D3543
Germany	GS
Europe	CE
Global	ENERGY STAR® 7.1
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
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Security	
System and BIOS Security	Write protection for the Flash module Trusted Platform Module (TPM 2.0), optional without TPM User and supervisor BIOS password
User Security	Integrated PalmSecure® sensor F-Pro Additional 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	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

BWO UltraSecure Identification SW (1-100 devices)		UltraSecure identification SW license for 1-100 attached devices. License price is related to single devices and needs to be purchased accordingly.	Order Code: BWO:USC2101-B001
BWO UltraSecure Identification SW (101-500 devices)		UltraSecure identification SW license for more than 100 and limited to 500 attached devices. License price is related to single devices and needs to be purchased accordingly.	Order Code: BWO:USC2102-B002
BWO UltraSecure Identification Server		UltraSecure Identification Server license per logical server instance.	Order Code: BWO:USC2109-B005
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 Q940 PalmSecure™ Appliance, 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 Q940 PalmSecure™ Appliance, 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>



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