

# 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

<b>Graphics</b>	DP to DVI-D (single link) Adapter Cable Display Port to VGA Adapter
<b>Interface add on cards/components (optional)</b>	
	Intel® Dual Band Wireless-AC 9260
<b>Base unit</b>	FUTRO Q940
<b>Operating system and software (Linux)</b>	
<b>Operating system</b>	eLux® RP
<b>Notes</b>	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.
<b>Functions</b>	eLux® RP 6 Citrix Receiver VMware® Horizon Client Updates and optional software packages are available at <a href="http://www.myelux.com">www.myelux.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>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
<b>Audio codec</b>	Realtek ALC671
<b>Audio notes</b>	Loudspeaker
<b>Interfaces</b>	
<b>Audio: line-in</b>	1
<b>Audio: line-out</b>	1
<b>Front audio: microphone</b>	1
<b>Front audio: headphone</b>	1
<b>USB 2.0 total</b>	4 rear
<b>USB 3.1 Gen1 (USB 3.0) total</b>	2 front + 1x Type-C rear
<b>USB front</b>	2
<b>USB rear</b>	5
<b>USB internal</b>	1 pin header (2x USB 2.0)
<b>DisplayPort</b>	2x DP1.2a
<b>Serial (RS-232)</b>	2
<b>Mouse / Keyboard (PS/2)</b>	2
<b>Ethernet (RJ-45)</b>	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	<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
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<b>Security</b>	
<b>System and BIOS Security</b>	Write protection for the Flash module Trusted Platform Module (TPM 2.0), optional without TPM User and supervisor BIOS password
<b>User Security</b>	Integrated PalmSecure® sensor F-Pro Additional access protection via internal SmartCard reader (optional)
<b>Warranty</b>	
<b>Warranty period</b>	2 years (depending on country)
<b>Warranty type</b>	Bring-In / Onsite 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>
<b>Product Support Services - the perfect extension</b>	
<b>Recommended Service</b>	9x5, Onsite Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/emeia/products/product-support-services/">http://www.fujitsu.com/emeia/products/product-support-services/</a>

## Recommended Accessories

<b>BWO UltraSecure Identification SW (1-100 devices)</b>		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
<b>BWO UltraSecure Identification SW (101-500 devices)</b>		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
<b>BWO UltraSecure Identification Server</b>		UltraSecure Identification Server license per logical server instance.	Order Code: BWO:USC2109-B005
<b>eLux and Scout Enterprise Management Suite License</b>		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/](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 Q940 PalmSecure Appliance, 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>



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