

# Data Sheet

## FUJITSU Thin Client FUTRO S9011

### Flexible and Powerful Thin Client

The FUTRO S9011 is a high performance, 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.

#### Best-in-class performance with advanced technology

Ultimate performance to redefine the way you do your business

- AMD Ryzen™ embedded R1606G processors & fast NVM storage technology
- Fanless, zero noise Thin Client with dual channel memory 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 offers the eLux OS and Scout Enterprise Management Suite including Cloud Gateway 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

#### New space saving design with improved connectivity

Be flexible and stay productive in a hyper-connected world

- Smaller housing with total volume of ~1.8 liters
- USB speed up to 10 Gbps,
- Up to 8 USB ports with 3 USB Type-C ports, variety of different display connectors

#### Full productivity

The PC which will transform your workplace for the next gen needs

- UC&C ready with multi-monitor support for up to six 4K displays and ideal mix of modern (Type-C) and legacy interfaces
- Run the system with just one single USB Type-C cable for a clean desk



# Technical details Components

<b>Memory modules</b>	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
<b>Graphics</b>	NVIDIA® Quadro® P400 , 2 GB MiniDP to DP Adapter Cable DP to DVI-D (single link) Adapter Cable Display Port to VGA Adapter
<b>Storage (internal)</b>	SSD PCIe, 128 GB NVMe, M.2 module, Flash drive (TLC technology), 75 TBW* SSD PCIe, 64 GB (57GB useable) NVMe , M.2 module, Flash drive (TLC technology), 39 TBW*
<b>Storage notes</b>	Important Notice for M.2 Module Use: Predefined by NAND-Flash-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-219A SSD Client workload One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.
<b>Interface add on cards/components (optional)</b>	Dual serial card PCIe x1
<b>Base unit</b>	FUTRO S9011
<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, managing devices by location, group or user, individual operating system composition with ELIAS (eLux and Scout Enterprise Management Suite license required)
<b>Operating system and software (Windows 10 IoT)</b>	
<b>Operating system</b>	Windows® 10 IoT Enterprise 2021 LTSC
<b>Notes</b>	Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Windows 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>	Internet Explorer Citrix Receiver VMware® Horizon Client
<b>Mainboard</b>	
<b>Mainboard type</b>	D3943-A1
<b>Processor</b>	AMD Ryzen™ Embedded R1000 Series R1606G (Dual Core, 2.6 GHz, up to 3.5 GHz, AMD Radeon™ Vega 3 Graphics) (, )
<b>Memory slots</b>	2 SO DIMM (DDR4, 2400 MHz)
<b>Supported capacity RAM (max.)</b>	16 GB
<b>Memory notes</b>	For dual channel performance and full graphics support, 2 memory modules have to be ordered

**Mainboard**

LAN	Built-in 10/100/1,000 MBit/s Realtek RTL8111H
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC623

**Interfaces**

DC-in	1
Front audio: headphone	1
USB 2.0 total	4
USB 3.2 Gen2 (10 Gbps) total	3
USB front	1x USB 3.2 Gen 2 1x USB 3.2 Gen 2 Type-C 1x USB 2.0
USB rear	1x USB 3.2 Gen 2 Type-C + 1 (optional*, supports DisplayPort and power delivery sink support e.g. from a display) 3x USB 2.0
USB internal	1 pin header
DisplayPort	2 (DisplayPort 1.4) + 1 (optional*) + 3 (optional via PCI-e graphics card)
Serial (RS-232)	2 + 1 (optional*) + 2 (optional via PCI-e)
HDMI	1 (optional*)
Ethernet (RJ-45)	1 + 1 (optional* 2.5GB LAN)
Interface Module notes	*Only one of the interfaces marked as "optional" can be configured at the same time., Only one of the interfaces marked as "optional via PCI-e" can be configured at the same time
Kensington Lock support	2

**Graphics on board**

Graphics brand name	AMD Radeon™ Vega 3 Graphics
Graphics color depth	32 bit colors
TFT resolution (DisplayPort)	up to 4,096 x 2,160 @ 60 Hz
Graphics features	DirectX® 12 OpenGL® 4.6 Vulkan™ Open CL® 2.2
Graphics notes	Graphics resolution and features depending on operating system and management solution.

**Electrical values**

Power consumption long idle	9.38 W
Power consumption sleep mode power	1.56 W (WoL enabled)
Power consumption off mode power	0.26 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 174 x 199 mm
Dimensions (W x D x H)	55 x 174 x 190 mm
Operating position	Vertical / horizontal
Weight	942 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 S9011
Model	TCM1

**Compliance**

Germany	GS in progress
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment)
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
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)

**Packaging information**

Packaging dimension (mm)	395 x 197 x 288 mm
Packaging dimension (inch)	15.55 x 7.76 x 11.34 inch
Max. quantity / pallet	84
Material - Weight (g) Carton	698 g
Material - Weight (lbs) Carton	1.54 lbs
Material - Weight (g) EPS / PS	0 g
Material - Weight (lbs) EPS / PS	0 lbs
Material - Weight (g) PE	20 g
Material - Weight (lbs) PE	0.04 lbs
Packaging notes	If keyboard is included in packaging, dimension is increasing to: 497 x 206 x 293mm and material weight of carton will increase to 901g

**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://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>
Digital bug fixes	Subject to availability and following their generic release for the product, bug fixes and function-preserving patches for product-related software (firmware) can be downloaded from the technical support at: <a href="https://support.ts.fujitsu.com/">https://support.ts.fujitsu.com/</a> free of charge by entering the respective product serial number. For application software supplied together with the product, please directly refer to the support websites of the respective software manufacturer.

**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	<a href="http://www.fujitsu.com/emeia/products/product-support-services/">http://www.fujitsu.com/emeia/products/product-support-services/</a>

## Recommended Accessories

**Blue LED Mouse M960**

The Blue LED Mouse M960 comes in a slim design with proven Fujitsu engineering quality. The track on glass Blue LED sensor enables ultra precise switchable resolution at 1,000, 1,600 and 2,000 dpi. Blue LED Mouse M960 makes your life easier because it's tailor-made for right handed users. It just feels great in your hand.

Order Code:  
S26381-K470-L100

**Wireless Keyboard Set LX960**

The Wireless Keyboard Set LX960 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set offers ambitious users more functions and better features than a conventional interface device. It even includes 2.4 GHz technology and 128-bit AES encryption.

S26381-K960-L4\*\* (\*\*:  
Country specific variation)

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Thin Client FUTRO S9011, 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 S9011, 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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