Data Sheet
Fujitsu Thin Client FUTRO S5011

Ultra-compact and Powerful Thin Client

The FUTRO S5011 is an ultra-compact and powerful Thin Client device for companies that need endpoints for their VDI and cloud client computing scenarios. The FUTRO S5011 has an optimal mix of industry leading OS, Thin Client device management consoles and flexible hardware options helping you provide secure computing and full productivity choices for your employees.







Improved performance with advanced technology
Ultimate performance to meet the business challenges of future computing
- AMD Ryzen™ embedded R1305G processors
- Fast NVM storage technology
- Fanless, zero noise Thin Client

eLux RP 6 Thin Client OS and Scout Enterprise Management Suite® 15
Enables upfront cost savings and keeps your IT infrastructure secure, 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

Ultra-compact design with improved connectivity
Be flexible and stay productive in a hyper-connected world
- Fully equipped Thin Client with a volume of only ~0.86 liters
- USB Speed up to 10 Gbps
- 5 USB ports with 1 USB Type-C port

Full productivity
The PC which will transform your workplace for the next gen needs
- UC&C ready with multi-monitor support for up to two displays and ideal mix of modern (Type-C) and legacy interfaces

eLux Windows 10 IoT epeat SILVER

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	DP to DVI-D (single link) Adapter Cable
	Display Port to VGA Adapter
Storage (internal)	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*
Storage notes	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.
Interface add on cards/components (optional)	
	Internal speaker
Base unit	FUTRO S5011
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 2021 LTSC
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
Security software	
Additional software (notes)	Use of accompanying and/or additional Software is subject to proactive acceptance of the respective License Agreements /EULAs/ Subscription and support terms of the Software manufacturer as applicable for the relevant Software whether preinstalled or optional. The software may only be available bundled with a software support subscription which – depending on the Software - may be subject to separate remuneration.
Mainboard	
Mainboard type	D3944-B1
Processor	AMD Ryzen™ Embedded R1000 Series R1305G (Dual Core, 1.5 GHz, up to 2.8 GHz, AMD Radeon™ Vega 3 Graphics) (,)

Mainboard	
Memory slots	1 SO DIMM (DDR4, 2400 MHz)
Supported capacity RAM (max.)	8 GB
LAN	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	3
USB 3.2 Gen2 (10 Gbps) total	2
USB front	1x USB 3.2 Gen 2 1x USB 3.2 Gen 2 Type-C
USB rear	3x USB 2.0
USB internal	1 pin header
DisplayPort	2 (DisplayPort 1.4)
Ethernet (RJ-45)	1
Kensington Lock support	1

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 performance depends on operating system and infrastructure environment. It is strongly recommended to test and validate the target use case.

Electrical values	
Power consumption long idle	6.10 W
Power consumption sleep mode power	1.59 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)	68 x 165 x 156 mm
Dimensions (W x D x H)	36 x 165 x 147 mm
Operating position	Vertical / horizontal
Weight	min: 605 g (1 x memory, 1x SSD, w/o AC-Adapter) max: 613 g (full expansion, w/o AC-Adapter) AC-Adapter + power cord: 277 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 S5011
Model	TCS6
Germany	GS

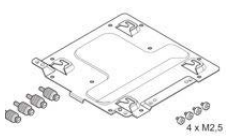
Compliance	
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

Security	
Physical Security	Kensington Lock support
System and BIOS Security	Trusted Platform Module (TPM 2.0), optional without TPM User and supervisor BIOS password
Security Notes	The properties of the product provide a baseline for product security and therefore end-customer IT security. However, these properties are not sufficient on their own to protect the product from all existing threats, such as intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, please use the configuration options as available for the respective product. During operation, the IT security of this product is within the responsibility of the respective administrator/end-user of the product. Please note, that Fujitsu as a manufacturer does not make any policy prescriptions or advocacy statements regarding IT security best practices and/or general product operation.

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 EMEIA, for all other countries depending on local regulations)
Warranty Terms & Conditions	http://www.fujitsu.com/warranty
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: https://support.ts.fujitsu.com/ 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 - the perfect extension	
Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	at least 5 years after shipment, for details see https://support.ts.fujitsu.com/
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/

Recommended Accessories

VESA Mounting Kit for FUTRO S7011, S5011		Mounting Kit incl. cable cover for displays or mounting solutions with 10x10 VESA mount points	Order Code: FPCSK737GP

Mounting Kit for Height Adjustable Fujitsu Displays - up to 10th Gen. Display		The Fujitsu Mounting Kit for Height Adjustable Fujitsu Displays has been specifically designed for use with ESPRIMO Q/G Mini PCs, FUTRO Thin Clients and Fujitsu Displays. With this solution you can save space on the desk, reduce clutter on desk and realize a clean desk working environment.	Order Code: FPCSK740GP
Mouse M520 black		The Fujitsu Accessory Mouse M520 black is an essential input device for PCs that works on nearly every surface and follows your hand movements smoothly and precisely. It features two buttons and a scroll wheel which also can be used as third button.	Order Code: S26381-K467-L100
Mouse M520 grey		The Fujitsu Accessory Mouse M520 grey is an essential input device for PCs that works on nearly every surface and follows your hand movements smoothly and precisely. It features two buttons and a scroll wheel which also can be used as third button.	Order Code: S26381-K467-L101

More information

Fujitsu products, solutions & services

In addition to Fujitsu Thin Client FUTRO S5011, 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 S5011, 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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Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering.
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The overall product has been designed and manufactured for general office use, regular personal use and ordinary industrial use.

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