Data Sheet
FUJITSU Desktop ESPRIMO A525-L

Combines Essential Performance with Longevity

The FUJITSU ESPRIMO A525-L is an individually configurable Desktop for standard office applications or usage in the educational sector. This compact and reliable PC features simple manageability and ease of use. Productivity is enhanced by its fanless design and you can enjoy a tidy workplace thanks to the optional VESA mount. The FUJITSU ESPRIMO A525-L is designed for a long lifecycle, which combined with high energy efficiency, results in low TCO.



Lifecycle
Hardware continuity for long-lasting project requirements
- Managed lifecycle up to 24 months

Increased productivity
Quiet system for a pleasant working environment
- Fanless cooling

Energy efficiency
Saves energy and reduces CO2 emissions
- Integrated system concept with high-level power-saving components

System management
The perfect answer to offload your IT administrators
- DeskView Admin enhances the management of the devices in your IT infrastructure during productive operation - even remotely and after hours

Backpack solution
Enjoy a tidy desk
- The FUJITSU ESPRIMO A525-L can be mounted behind a display

Components

Operating systems	
Operating system	Windows 10 Pro Windows 10 Home Windows 8.1 Pro Windows 8.1 Windows 7 Professional
Operating system compatible	Windows 10 Pro (license + recovery media only) openSUSE Linux
Memory modules	4 GB (1 module(s) 4 GB) DDR3, 1,600 MHz, PC3-12800, SO DIMM
	8 GB (1 module(s) 8 GB) DDR3, 1,600 MHz, PC3-12800, SO DIMM
Hard disk drives (internal)	HDD SATA II, 5,400 rpm, 500 GB, 2.5-inch*
	SSD SATA III, 256 GB, 2.5-inch, SED
	SSD SATA III Premium, 256 GB, 2.5-inch
	SSD SATA III Premium, 128 GB, 2.5-inch
	SSD SATA III, 256 GB, 2.5-inch
	SSD SATA III, 128 GB, 2.5-inch
	SSD SATA III, 256 GB, 2.5-inch, SED
	SSD SATA III, 128 GB, 2.5-inch, SED
	SSD SATA III, 128 GB, 2.5-inch
	SSHD SATA III, 5,400 rpm, 500 GB, 2.5-inch
	HDD SATA II, 5,400 rpm, 1,000 GB, 2.5-inch*
	HDD SATA II, 5,400 rpm, 320 GB, 2.5-inch*
Hard disk notes	Up to 20 GB of HDD space is reserved for system recovery SSHD (Solid State Hard Disk, Hybrid drive) SSD (Solid State Disk) SED (Self-Encrypting Drive)
Graphics	DVI-I to VGA Adapter
	DP to DVI-D (single link) Adapter Cable
Interface add on cards/components (optional)	
	WLAN 802.11 a/g/n (2x2) and Bluetooth (dedicated regions only, not for Indonesia)
	Internal speaker
	Intel® Dual Band Wireless-AC 7260
	2nd LAN/Power-over-Ethernet module

Base unit

Base unit	ESPRIMO A525-L
Mainboard	
Mainboard type	D3313
Formfactor	miniITX
Processor socket	embedded
Processor type support	AMD GX-217GA (dual core processor; 1.65 GHz) AMD GX-222GC (dual core processor; 2.2 GHz)
Processor quantity maximum	1
Supported capacity RAM (max.)	8 GB

Mainboard	
Memory slots	1 SO DIMM (DDR3, 1600 MHz)
Memory frequency	1,600 MHz
LAN	10/100/1,000 MBit/s Realtek RTL8111G
Integrated WLAN	1 (optional with Bluetooth together)
BIOS version	AMI Aptio 4.6
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC671
Audio features	Internal speaker supports audio playback (optional), High Definition Audio
I/O controller on board	
Serial ATA total	2 (1x mSATA, 1x SATA)
thereof SATA III	2
Controller functions	Serial ATA II (3 Gbit) Serial ATA III (6 Gbit) NCQ AHCI
Interfaces	
Audio: line-in	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	4
USB 3.0 total	2
USB front	2x 3.0
USB rear	4x 2.0
VGA	1 (via optional DVI to VGA adapter)
DisplayPort	1
DVI	1 (DVI-I)
Serial (RS-232)	1 (9pin, 16 byte FIFO, 16550 compatible)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Input device / components	
Input devices (optional)	Keyboard Mouse KBPC PX ECO Mouse M440 ECO
Drive bays	
Drive bays total	1
2.5-inch internal bays	1
Slots	
Graphics	
Graphics brand name	AMD Radeon™ HD 8280E (in combination with AMD G-Series GX-217GA)
TFT resolution (VGA)	1,024 x 768 pixel 1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,600 x 1,200 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel 1,920 x 1,200 pixel

Graphics	
TFT resolution (DVI)	1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel 1,920 x 1,200 pixel
TFT resolution (DisplayPort)	1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel 1,920 x 1,200 pixel 2,560 x 1,440 pixel 2,560 x 1,600 pixel 3,840 x 2,160 pixel (@30Hz)
Graphics features	Dual display support DirectX® 11.1 Shader Model 5 Open CL® 1.2 OpenGL® 4.1 HDCP support DisplayPort interface supports Ver. 1.2 incl. Multi-Stream
Graphics notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz
Electrical values	
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
Max. output of single power supply	40 W
Power consumption	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=575b7359-854a-4222-9820-097afea72dac
Heat dissipation	
Heat dissipation notes	See white paper Energy Consumption
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	53 x 179 x 250 mm 2.1 x 7.1 x 9.8 inch
Operating position	Vertical / horizontal
Weight	1,3 kg
Weight (lbs)	2.9 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35 °C
Operating relative humidity	5 - 85 % (relative humidity)

Compliance	
Product	ESPRIMO A525-L
Model	TCS-D3313B
Germany	TÜV GS
Europe	CE
USA/Canada	FCC Class B cCSAus
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) EPEAT® Gold (dedicated regions) ENERGY STAR® 6.0 (dedicated regions)
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates
Additional Software	
Additional software (preinstalled)	Workplace Protect (secure authentication solution) Adobe® Reader® (pdf reader) McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version) Win7: Fujitsu Recovery (hard disk based recovery) Win8: Microsoft Push Button Recovery (hard disk based recovery) Microsoft Office (buy license to activate the pre-installed Microsoft Office)
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD)
Manageability	
Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN)
Manageability software	DeskView Client DeskView Instant BIOS Management
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Supported standards	DMI PXE WMI
Manageability link	http://www.fujitsu.com/fts/manageability
Security	
Physical Security	Kensington Lock support
System and BIOS Security	Boot sector virus protection Write protect option for the Flash EPROM Control of external interfaces Optional: Trusted platform module (TPM 1.2)
User Security	User and supervisor BIOS password Hard disk password Access protection via external SmartCard reader (optional)
Miscellaneous	
	Keyboard on (Special Fujitsu keyboard required)
Packaging information	
Packaging notes	printed user documentation is bleached in chlorine free process
Warranty	
Warranty period	1 year
Warranty type	Bring-In / Onsite Service (for countries within region EMEIA, for all other countries depending on local regulations)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Product Support Services - the perfect extension

Warranty	
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/fts/services/support

Recommended Accessories

Universal Monitor Stand		Save desk space without compromising performance or productivity with the Universal Monitor Stand that brings together a FUJITSU Desktop ESPRIMO Q mini PC or FUJITSU Thin Client FUTRO and a VESA compatible FUJITSU Display. For optimum ergonomics the height and tilt angle of the display can be adjusted, helping you to stay productive and comfortable, whilst hassle-free installation of the devices on the stand makes the life of your IT department easier.	Order Code: S26361-F2601-L700
Keyboard KB900		The KB900 is a very flat keyboard with extra low keys and spill-resistant protection. The elegant design and top-quality construction makes the KB900 the ideal input device for any PC or Notebook user. If you accidently spill some water or coffee onto the keyboard, this special construction helps the liquid to flow away.	S26381-K560-L4** (**: Country specific variation)

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU Desktop ESPRIMO A525-L, 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 Desktop ESPRIMO A525-L, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/ESPRIMO

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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