

Fujitsu recommends Windows.

# Data Sheet

## FUJITSU ESPRIMO A525-L

### Desktop PC

Combines Essential Performance with Longevity

The FUJITSU ESPRIMO A525-L is an individually configurable PC 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 ESPRIMO A525-L is designed for a long lifecycle, combined with high energy efficiency, resulting 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

<b>Operating systems</b>	
Operating system	Windows 8.1 Pro Windows 8.1 Windows 7 Professional
Operating system compatible	openSUSE Linux
<b>Memory modules</b>	
	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
<b>Hard disk notes</b>	
	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)
<b>Hard disk drives (internal)</b>	
	SSHD SATA III, 5,400 rpm, 500 GB, 2.5-inch 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, SED SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 128 GB, 2.5-inch, SED SSD SATA III, 128 GB, 2.5-inch HDD SATA II, 5,400 rpm, 1,000 GB, 2.5-inch* HDD SATA II, 5,400 rpm, 750 GB, 2.5-inch* HDD SATA II, 5,400 rpm, 500 GB, 2.5-inch* HDD SATA II, 5,400 rpm, 320 GB, 2.5-inch*
<b>Graphics</b>	
	DVI to VGA Adapter DP to DVI-D (single link) Adapter Cable
<b>Interface add on cards/components (optional)</b>	
	WLAN 802.11 a/g/n (2x2) and Bluetooth (dedicated regions only, not for Indonesia) Internal speaker 2nd LAN/Power-over-Ethernet module

# Base unit

Base unit	ESPRIMO A525-L
<b>Mainboard</b>	
Mainboard type	D3313-B
Formfactor	miniITX
Processor socket	embedded
Processor type support	AMD GX-217GA (dual core processor; 1.65 GHz)
Processor quantity maximum	1
Memory slots	1 SO DIMM (DDR3, 1600 MHz)
Supported capacity RAM (max.)	8 GB
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

**Mainboard**

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)	Optical USB wheel mouse Optical USB/PS2 tilt wheel mouse Mouse M440 ECO Keyboard KBPC PX ECO
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**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**

<b>TFT resolution (DVI)</b>	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
<b>TFT resolution (DisplayPort)</b>	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)
<b>Graphics features</b>	DirectX® 11.1 Shader Model 5 Open CL® 1.2 OpenGL® 4.1 HDCP support
<b>Graphics notes</b>	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**

<b>Rated voltage range</b>	100 V - 240 V (AC Input)
<b>Rated frequency range</b>	50 Hz - 60 Hz
<b>Operating voltage range</b>	100 V - 240 V (AC Input)
<b>Operating line frequency range</b>	50 Hz - 60 Hz
<b>Max. output of single power supply</b>	40 W

**Power consumption**

<b>Power consumption note</b>	See white paper Energy Consumption
<b>Link to Energy White Paper</b>	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=059dcab4-702d-4ffa-a80d-d17e7904351a">http://docs.ts.fujitsu.com/dl.aspx?id=059dcab4-702d-4ffa-a80d-d17e7904351a</a>

**Heat dissipation**

<b>Heat dissipation notes</b>	See white paper Energy Consumption
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**Noise emission****Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	53 x 179 x 250 mm 2.1 x 7.1 x 9.8 inch
<b>Operating position</b>	Vertical / horizontal
<b>Weight</b>	1,3 kg
<b>Weight (lbs)</b>	2.9 lbs
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Operating ambient temperature</b>	10 - 35 °C
<b>Operating relative humidity</b>	5 - 85 % (relative humidity)

**Compliance**

<b>Product</b>	ESPRIMO A525-L
<b>Model</b>	TCS-D3313B
<b>Germany</b>	TÜV GS Blauer Engel / Blue Angel in progress
<b>Europe</b>	CE
<b>USA/Canada</b>	FCC Class B cCSAus
<b>Global</b>	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)
<b>Compliance link</b>	<a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>

**Compatibility (references)****Additional Software**

<b>Additional software (preinstalled)</b>	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)
<b>Additional software (optional)</b>	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD)

**Manageability**

<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN)
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management DeskView Integration for Symantec Management Platform
<b>DeskView components</b>	Inventory Management BIOS Management Driver Management Security Management Alarm Management
<b>Supported standards</b>	DMI PXE WMI
<b>Manageability link</b>	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>

**Security**

<b>Physical Security</b>	Kensington Lock support
<b>System and BIOS Security</b>	Boot sector virus protection Write protect option for the Flash EPROM Control of external interfaces Optional: Trusted platform module (TPM 1.2)
<b>User Security</b>	User and supervisor BIOS password Hard disk password Access protection via external SmartCard reader (optional)

**Miscellaneous**

Keyboard on (Special Fujitsu keyboard required)

**Serviceability****Packaging information**

**Warranty**

Standard Warranty	1 year
Service level	Bring-In / Onsite Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations, minimum: 1 year material warranty)
Warranty Terms & Conditions	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Maintenance and Support Services - the perfect extension</b>	
Recommended Service	9x5, Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

## Recommended Accessories

**Wireless Mouse W1200**

The Wireless Mouse W1200 uses the latest wireless 2.4 GHz technology, and a high-resolution 1000 dpi optical sensor to give you the precision and reliability you need. Sporting a compact design with a stylish black finish, the W1200 wireless mouse is well suited to all environments and to each user whether right or left handed.

Order Code:  
S26381-K462-L100

**HS E2000 Communicator Headset**

The Fujitsu HS E2000 Communicator headset allows you to use your personal computer for Voice over IP (VoIP) in stereo audio quality. This premium headset is designed to provide superb audio quality and comfort for the telephony, internet chat, speech recognition, video conferencing and multimedia applications.

Order Code:  
S26391-F7139-L5

**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 accidentally 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 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/services/computing/](http://www.fujitsu.com/global/services/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

### More information

Learn more about FUJITSU ESPRIMO A525-L, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts/ESPRIMO](http://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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