

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Notebook LIFEBOOK E546

### Reliable Business Performer

Enjoy reliability and powerful performance with FUJITSU Notebook LIFEBOOK E546 through latest technology enhancements. A comprehensive business feature-set with common port replicator and connectivity options support you to work with ease and efficiency on your notebook wherever your meeting room or workplace is situated. Choose a notebook with a 39.6 cm (15.6-inch) or 35.6 cm (14.0-inch) display and even reduce weight with an interchangeable modular bay element.

#### Reliable and powerful performance

Technology enhancement offer advanced functionality

- Latest processors and DDR4 RAM boost performance empowering you to work faster

#### Secure and solid protection

Smart security and resistant design

- Integrated fingerprint sensor, SmartCard reader, TPM, among other security options protect your data, a solid housing and spill-resistant keyboard your notebook

#### Family concept continuity

Reduce complexity and drive down evaluation and deployment costs

- BIOS and mainboard for one bit image, components, modular bay elements, accessories and port replicator are shared across the LIFEBOOK E5 Series. Unique to Fujitsu, one port replicator befits 8 devices across the LIFEBOOK Ultrabook™, notebook, 2 in 1 and mobile workstation and is compatible with the predecessor

#### Different high-capacity battery packs

Long lasting performance for extra working hours

- Choose from three different high-capacity battery packs to support efficient working in business environments

#### The choice is yours

Two form factors, one design

- Choose a 35.6 cm (14.0-inch) or 39.6 cm (15.6-inch) with Full HD anti-glare display and enjoy the same great functionality



# Components

Base unit	LIFEBOOK E546 non vPro	LIFEBOOK E546 vPro
<b>Operating systems</b>		
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home Windows 7 Professional (available through downgrade rights from Windows 10 Pro)	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home Windows 7 Professional (available through downgrade rights from Windows 10 Pro)
Operating system compatible	Windows 8.1 Pro (available through downgrade rights from Windows 10 Pro)	Windows 8.1 Pro (available through downgrade rights from Windows 10 Pro)
Operating system notes	Operating system compatible Windows 7 Professional 64-bit (with 6th generation Intel® processors) Windows 7 Professional 32-bit (with 6th generation Intel® processors)	Operating system compatible Windows 7 Professional 64-bit (with 6th generation Intel® processors) Windows 7 Professional 32-bit (with 6th generation Intel® processors)
<b>Processor</b>		
	Intel® Core™ i7-6500U processor (2.5 GHz, up to 3.1 GHz, 4 MB) *	
	Intel® Core™ i5-6300U processor (2.4 GHz, up to 3.0 GHz, 3 MB)	
	Intel® Core™ i5-6200U processor (2.3 GHz, up to 2.8 GHz, 3 MB) *	
	Intel® Core™ i3-6100U processor (2.3 GHz, 3 MB) *	
	Intel® Core™ i3-6006U processor (2.0 GHz, 3 MB) *	
	*Processor only for retail, SMB, education and government	
	Intel® Core™ vPro™ Processor - Best Platform for Businesses of all sizes	
<b>Memory modules</b>		
	4 GB (1 module(s) 4 GB) DDR4, 2,133 MHz, SO DIMM	
	8 GB (1 module(s) 8 GB) DDR4, 2,133 MHz, SO DIMM	
	16 GB (1 module(s) 16 GB) DDR4, 2,133 MHz, SO DIMM	
<b>Hard disk drives (internal)</b>		
	SSD SATA III, 512 GB, 2.5-inch, OPAL capable	
	SSD SATA III, 256 GB, 2.5-inch, OPAL capable	
	SSD SATA III, 256 GB, 2.5-inch	
	SSD SATA III, 128 GB, 2.5-inch, OPAL capable	
	SSD SATA III, 128 GB, 2.5-inch	
	SATA, 7,200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 5,400 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 5,400 rpm, 1 TB, 2.5-inch, S.M.A.R.T.	
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 20 GB of HDD space is reserved for system recovery Internal storage interface: S-ATA III (6GBit/s)	
<b>Modular bay options</b>		
	2nd hard disk drive	
	SuperMulti-format DVD burner (with double layer support)	
	Weight saver	
<b>Interface add on cards/components (optional)</b>		
3G/4G (optional)	LTE Sierra Wireless EM7305 (Downlink speed up to 100 Mbit/s, Uplink speed up to 50 Mbit/s)	
WLAN (optional)	Intel® Dual Band Wireless-AC8260 11ac with integrated Bluetooth 4.2 vPro	
<b>Display</b>		
	35.6 cm (14-inch),LED backlight,(HD),Anti-glare display,compound,1,366 x 768 pixel,350:1,200 cd/m <sup>2</sup>	
	35.6 cm (14-inch),LED backlight,(Full HD),Anti-glare IPS display,compound,1,920 x 1,080 pixel,700:1,300 cd/m <sup>2</sup>	
<b>Multimedia</b>		
Camera	Optional: Built-in webcam, HD (Microsoft® Lync™)	Built-in webcam (HD) with Status LED

# Base unit

Base unit	LIFEBOOK E546 non vPro	LIFEBOOK E546 vPro
<b>General system information</b>		
Chipset	Integrated	Integrated
Chipset notes	---	Supports iAMT 11.0 Intel® vPro™ requires Core i5-63xx & i7-66xx CPU, Intel WLAN 8260ac, TPM module
Supported capacity RAM (max.)	32 GB	32 GB
Memory slots	2 DIMM (DDR4)	2 DIMM (DDR4)
Memory notes	DDR4 - 2133 MHz	DDR4 - 2133 MHz
LAN	10/100/1,000 MBit/s Intel® I219V	10/100/1,000 MBit/s Intel® I219LM
BIOS version	UEFI Specification 2.4	UEFI Specification 2.4
BIOS features	InsydeH20 Bios	InsydeH20 Bios
Audio type	On board	On board
Audio codec	Realtek ALC255	Realtek ALC255
Audio features	Stereo speakers	Stereo speakers
<b>Display</b>		
Display notes	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 40°, Top 10°, Bottom 30°; Color Gamut: 42% FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°; Color Gamut: 45%	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 40°, Top 10°, Bottom 30°; Color Gamut: 42% FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°; Color Gamut: 45%
<b>Graphics</b>		
Base unit	LIFEBOOK E546 non vPro	LIFEBOOK E546 vPro
TFT resolution (DisplayPort)	up to 4,096 × 2,160	up to 4,096 × 2,160
TFT resolution (VGA)	up to 1,920 × 1,200	up to 1,920 × 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 × 1,200	up to 1,920 × 1,200
Graphics brand name	Intel® HD Graphics 520	Intel® HD Graphics 520
Graphics features	3 Display Support (2 external, 1 internal)	3 Display Support (2 external, 1 internal)
Graphics notes	Shared memory depending on main memory size and operating system	Shared memory depending on main memory size and operating system
<b>Interfaces</b>		
DC-in	1	
Audio: line-out / headphone	1	
Audio: line-in / microphone	1	
Internal microphones	2x digital microphones (array)	
USB 3.1 Gen1 (USB 3.0) total	3 (1 with Anytime USB Charge functionality)	
VGA	1	
DisplayPort	1	
Ethernet (RJ-45)	1	
Memory card slots	1 (SD up to 2GB, SDHC up to 32GB, SDXC up to 128GB)	
SmartCard slot	1 (optional)	
SIM card slot	1 (only for models with integrated 3G/UMTS or 4G/LTE module)	
<b>Port Replicator interfaces (optional)</b>		
DC-in	1 (19V)	
Power on switch	1	
Audio: headphone	1	
Audio: microphone	1	

**Port Replicator interfaces (optional)**

USB 3.1 Gen1 (USB 3.0) total	4
DisplayPort	2 - 1 DP (next to DVI) is shared with DVI, works when DVI not connected
VGA	1
DVI	1 - shared with DP (next to DVI) - works when DP (next to DVI) not connected
Ethernet (RJ-45)	1 (10/100/1000)
Kensington Lock support	1 (Portrep & System)
eSATA	1
Notes	Port replicator supports 0-Watts functionality

**Keyboard and pointing devices**

	Spill-resistant keyboard
	Number of keyboard keys: 85, Keyboard pitch: 19.0 mm, Keyboard stroke: 1.7 mm
	Touchpad with two mouse buttons
	Status LED
	Application buttons
	Power Button

**Wireless technologies**

Antennas	2 Dual band WLAN antennas, 2 UMTS/LTE antennas optional
Bluetooth	v4.2
WLAN encryption	WEP, WPA, WPA2
WLAN notes	Import and usage according to country-specific regulations.
WiDi support	Yes (with Intel W-LAN)

**Power supply**

AC Adapter	19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) slim and light AC-Adapter 19 V / 80 W (4.22 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) 0-Watt AC Adapter technology 19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) AC-Adapter
Notes	65W AC Adapter for usage with system/ 80 & 90W AC Adapter for usage with Port Replicator
1st battery options	Li-Ion battery 6-cell, 5,600/5,800 mAh, 63 Wh Li-Ion battery 6-cell, 6,400/6,700 mAh, 72 Wh Li-Ion battery 6-cell, 4,500 mAh, 49 Wh
Runtime 1st battery	up to 12 h
Battery charging time	~150 min (63Wh) ~ 180 min (72Wh)
Battery notes	Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to <a href="http://www.bapco.com">www.bapco.com</a> for additional details. The BAPCo® MobileMark® Benchmark provides results that enable direct product comparisons between manufacturers. It does not guarantee any specific battery runtime which actually can be lower and may vary depending on product model, configuration, application and power management settings. The battery capacity decreases slightly with every re-charge and over its lifetime.

**Noise emission**

Noise emission	Please refer to the Eco Declaration	Please refer to the Eco Declaration
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**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	338 x 231 x 25.1 - 31.4 mm 13.3 x 9.09 x 0.98 - 1.23 inch
Weight	from 1.9 kg
Weight (lbs)	from 4.2 lbs
Weight notes	Incl. weight saver. Weight may vary depending on actual configuration.
Operating ambient temperature	5 - 35 °C (41 - 95 °F)
Operating relative humidity	20 - 80 %

**Compliance with standards**

Germany	GS (Full HD Display only)
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**Compliance with standards**

<b>Europe</b>	CE CB
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) EPEAT® Gold (dedicated regions) Microsoft Operating Systems (HCT / HCL entry / WHQL)
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

<b>Additional software (preinstalled)</b>	Adobe® Reader® (pdf reader) Win7 or Win 8.1 only McAfee Internet Security and Antivirus Software (60 days trial version) Fujitsu LIFEBOOK Application Panel Fujitsu Display Manager Power Saving Utility Fujitsu Plugfree Network (network management utility) EasyGuide online user documentation Microsoft Office (buy license to activate the pre-installed Microsoft Office) Win10 and Win 8.1: Microsoft Push Button Recovery (hard disk based recovery) Win7: Fujitsu Recovery (hard disk based recovery)
<b>Additional software (optional)</b>	Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows® LTE / UMTS Connection Manager (if configured with 4G/LTE or 3G/UMTS) DVD playback software CyberLink YouCam (webcam software)

**Manageability**

<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN)	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intel® vPro™ technology WoL (Wake on LAN) Intel® SBA Manageability Solution (see details: <a href="http://www.intel.com/go/sba">http://www.intel.com/go/sba</a> ) iAMT 11.0 (depending on processor)
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management	
<b>DeskView components</b>	Inventory Management BIOS Management Driver Management Security Management Alarm Management	
<b>Supported standards</b>	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) WBEM (Web Based Enterprise Management) CIM (Common Information Model) BootP (made4you)	
<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	Kensington Lock support
<b>System and BIOS Security</b>	Absolute Persistence® technology capable BIOS Optional: Trusted platform module (TPM 1.2 or 2.0) EraseDisk (optional)	Absolute Persistence® technology capable BIOS Optional: Trusted platform module (TPM 1.2 or 2.0) EraseDisk (optional)

<b>Security</b>		
<b>User Security</b>	Access protection via internal SmartCard reader (optional) Embedded fingerprint sensor (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution) SystemLock 3 SmartCard Security (optional): BIOS based pre-boot/ two-factor authentication for high level of access protection	Access protection via internal SmartCard reader (optional) Embedded fingerprint sensor (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution) SystemLock 3 SmartCard Security (optional): BIOS based pre-boot/ two-factor authentication for high level of access protection

<b>Warranty</b>	
<b>Warranty period</b>	1 year (for countries in EMEA)
<b>Warranty type</b>	Bring-in Service / Collect & Return Service (depending on country)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Product Related 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 5 years
<b>Service Weblink</b>	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

## Recommended Accessories

**Port Replicator for LIFEBOOK T7, E5, E7 Series and CELSIUS H730, H760**



Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu’s docking options. Order Code: S26391-F1337-L109

**MicroSaver Slim 2.0**



The new Fujitsu Kensington MicroSaver 2.0 slim features the patented T-Bar locking mechanism with carbon tempered steel core cable and an external braided steel sheath. The MicroSaver slim 2.0 is available with Kensington Master Access. This security solution allows you to manage and maintain a limitless number of locks with a master key. Order Code: S26361-F1650-L202

**Top Case 14**



The FUJITSU Accessories Top Case 14 protects notebooks with up to 14-inch screens. A padded top-loading notebook compartment with shock-absorbing foam provides excellent protection for your notebook. The bag is equipped with a front compartment for storage of power adapters, office supplies or personal items. With its slim and practical design it is the ideal business case. Order Code: S26391-F1194-L120

**Prestige Top Case 15**



The Prestige Top Case 15 protects notebooks with up to 15.6-inch screens. A padded top-loading notebook compartment made of shock-absorbing foam ensures additional protection. It’s front pouch is ideal for storing of power adaptors, office supplies or personal items. It is the perfect business case in a practical design. Order Code: S26391-F1194-L50

**Second Hard Disk Drive or SSD Carrier for Modular Bay**

Modern business generates more and more data everyday so you may find yourself needing some extra storage space for critical data. Extend your storage with this 2nd HDD or SSD option by simply sliding this carrier into the modular bay slot on your Fujitsu LIFEBOOK. Choose the storage capacity to suit your needs and order separately from the list of options.

Order Code:  
S26391-F1244-L709

**Wireless Notebook Mouse W1610**

The Wireless Notebook Mouse W1610 uses the latest wireless 2.4 GHz technology, and an ultra-high resolution switchable sensor to give you the precision and reliability you need (1000/1500/2000 dpi). Sporting a stylish silver-black finish, the W1610 wireless mouse is well suited to all environments.

Order Code:  
S26381-K460-L100

**SOUNDSYSTEM DS E2000 Air**

The new more powerful SOUNDSYSTEM DS E2000 Air gives you impressive, well-balanced sound throughout the frequency band. It is an unbeatable USB speaker set with a surprisingly small form factor. The robust satellite speakers are decorated with a deluxe piano finish and the base is adorned with warm ambient lighting.

Order Code:  
S26391-F7128-L600

**Wireless Keyboard Set LX901**

The Wireless Keyboard LX901 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, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption.

S26381-K565-L4\*\* (\*\*:  
Country specific variation)

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Notebook LIFEBOOK E546, 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 Notebook LIFEBOOK E546, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts/mobile](http://www.fujitsu.com/fts/mobile)

## 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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