

# Data Sheet

## FUJITSU Notebook LIFEBOOK E546

### Reliable Business Performer

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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

<b>Base unit</b>	LIFEBOOK E546 non vPro
<b>Operating systems</b>	
<b>Operating system</b>	Windows 10 Pro Windows 10 Home Windows 7 Professional 64-bit
<b>Operating system compatible</b>	Windows 8.1 Pro Windows 8.1 Windows 7 Professional 32-bit
<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® Celeron® processor 3855U (1.6 GHz, 2 MB)
	*Processor only for retail, SMB, education and government
<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>	
	SSHD, 5,400 rpm, 500 GB / 8 GB SSD Cache, 2.5-inch, S.M.A.R.T.
	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.
<b>Hard disk notes</b>	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 HDD 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>	
<b>3G/4G (optional)</b>	Sierra Wireless EM8805 (Downlink speed 42 Mbit/s, Uplink speed 5.76 Mbit/s) LTE Sierra Wireless EM7305 (Downlink speed up to 100 Mbit/s, Uplink speed up to 50 Mbit/s)
<b>WLAN (optional)</b>	Intel® Dual Band Wireless-AC8260 11ac with integrated Bluetooth 4.1
<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, 400:1, 300 cd/m <sup>2</sup>
<b>Multimedia</b>	
<b>Camera</b>	Built-in webcam, HD (Microsoft® Lync™)

## Base unit

Base unit	LIFEBOOK E546 non vPro
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**General system information**

Chipset	Integrated
Supported capacity RAM (max.)	32 GB
Memory slots	2 DIMM (DDR4)
Memory notes	DDR4 - 2133 MHz
LAN	10/100/1,000 MBit/s Intel® I219V
BIOS features	InsydeH20 Bios
Audio type	On board
Audio codec	Realtek ALC255
Audio features	Stereo speakers

**Display**

Display notes	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 40°, Top 10°, Bottom 30°; Color Gammut: 42%; 200cd FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°; Color Gammut: 45%; 220cd
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**Graphics**

Base unit	LIFEBOOK E546 non vPro
TFT resolution (DisplayPort)	up to 4,096 × 2,160
TFT resolution (VGA)	up to 1,920 × 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 × 1,200
Graphics brand name	Intel® HD Graphics 520
Graphics features	3 Display Support (2 external, 1 internal)
Graphics notes	Shared memory depending on main memory size and operating system

**Interfaces**

DC-in	1
Audio: line-out / headphone	1
Audio: line-in / microphone	1
Internal microphones	2x digital microphones (array)
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)

**Port Replicator interfaces (optional)**

DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1
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** v4.1  
**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 [www.bapco.com](http://www.bapco.com) 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

**Dimensions / Weight / Environmental**

**Dimensions (W x D x H)** 338 x 231 x 25.1 - 31.4 mm  
**Weight** from 1.9 kg  
**Weight (lbs)** 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 planned (Full HD Display only)  
**Europe** CE  
 CB  
**Global** RoHS (Restriction of hazardous substances)  
 WEEE (Waste electrical and electronic equipment)  
 ENERGY STAR® 6.0  
 EPEAT® Gold (dedicated regions) (planned)  
 Microsoft Operating Systems (HCT / HCL entry / WHQL)  
**Compliance notes** Above mentioned compliances are planned but not available at preliminary stage.  
**Compliance link** <http://globalsp.ts.fujitsu.com/sites/certificates>

**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® Connection manager (optional 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)
<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>	WMI PXE BootP (made4you)

**Security**

<b>Physical Security</b>	Kensington Lock support
<b>System and BIOS Security</b>	Computrace® ready BIOS Advanced Theft Protection (Computrace® only) Optional: Trusted platform module (TPM 1.2 or 2.0) EraseDisk (optional)
<b>User Security</b>	Access protection via internal SmartCard reader (optional) SystemLock BIOS SmartCard security Embedded fingerprint sensor (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)

**Warranty**

<b>Warranty period</b>	1 year (depending on country)
<b>Warranty type</b>	Collect & Return Service / Bring-in Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Product Support 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
<b>Service Weblink</b>	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

## Recommended Accessories

**Port Replicator for LIFEBOOK (U745, T725, E7X6, E7X4, E7X3, E5X6, E5X4) and CELSIUS H730**



Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu's docking options.

Order Code:  
S26391-F1337-L100

**AC Adapter LIFEBOOK or STYLISTIC**



Power your notebook at work, at home or on the road with a second power source. You can easily recharge your notebook everywhere. Depending on your notebook you can choose from various AC Adapters ranging from a slim stick type adapter to standard adapters, or even the innovative 0-Watt AC Adapter.

Order Code:  
S26391-F1246-L500

**Prestige Pro Backpack 14**



The Fujitsu Prestige Pro Backpack 14 protects your belongings with a touch of luxury. It features a roomy main compartment with a padded notebook slot 35.6 cm (14-inch) and pockets with separate areas for smaller items to keep you organized. Real leather straps keep you comfortable on the go, while making a great impression.

Order Code:  
S26391-F1191-L82

**Weight Saver for Modular Bay**



When you are on the road sometimes it's important to economize on the weight of your notebook. Your Fujitsu LIFEBOOK's modular bay grants you the flexibility to use a Weight Saver to minimize the weight of your notebook when you don't need your other modular bay accessories.

Order Code:  
S26391-F1244-L400

**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-L700

**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

# More information

## Fujitsu OPTIMIZATION 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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