Data Sheet
FUJITSU Notebook LIFEBOOK E746

Uncompromising Elegant Design and Functionality

As a member of the FUJITSU Notebook LIFEBOOK E7 Series, the LIFEBOOK E746 is the right choice if you need a stylish notebook with high value features to support you in your daily work. With its 35.6 cm (14.0-inch) display, light weight of only 1.7 kg (3.7 lbs), extensive set of interfaces and high-end security features this modular notebook offers you full convenience and flexibility.



Family Concept

Reduce your acquisition cost as well as the complexity of your IT equipment

- Shared components such as AC Adapter, modular bay elements, port replicator, keyboard layout and shared mainboard with same drivers, BIOS, bit image with LIFEBOOK E736 and LIFEBOOK E756.
- Port replicator compatible with previous model and shared across 8 devices in LIFEBOOK notebook, 2 in 1 and mobile workstation



Premium Features

Maximize your productivity with premium notebooks providing ultimate convenience and best feature set for business users

- Modular bay for 2nd battery, 2nd HDD, DVD Super Multi, Blu-ray Disc™ Triple Writer, Weight Saver for convenient and flexible working
- Integrated fingerprint sensor, SmartCard reader and latest TPM for protection of company data
- Full set of interfaces with VGA, Display Port and optional embedded 4G/LTE



High-end Design

Outstanding mobility, ease of use and sleek looks for highest business demands

- Especially slim from 20 mm (0.78-inch) weighing only 1.7 kg (3.7 lbs), high-value material of magnesium lid, aluminum palm rest and strong metal hinges

Components

Base unit	LIFEBOOK E746 non-vPro	LIFEBOOK E746 vPro
Operating systems		
Operating system	Windows 10 Pro Windows 10 Home Windows 7 Professional 64-bit	Windows 10 Pro Windows 10 Home Windows 7 Professional 64-bit
Operating system compatible	Windows 8.1 Pro Windows 8.1 Windows 7 Professional 32-bit	Windows 8.1 Pro Windows 8.1 Windows 7 Professional 32-bit
Microsoft OS support information	This system receives full support from Microsoft with Windows 10/Windows 10 Pro only. For any other Microsoft OS installed, this device has limited support from Microsoft. For more information, please see Microsoft's Support Lifecycle FAQ.	This system receives full support from Microsoft with Windows 10/Windows 10 Pro only. For any other Microsoft OS installed, this device has limited support from Microsoft. For more information, please see Microsoft's Support Lifecycle FAQ.
Processor	Intel® Core™ i7-6600U processor (2.6 GHz, up to 3.4 GHz, 4 MB)	
	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) *	
	*Processor only for retail, SMB, education and government	
	Intel® Core™ vPro™ Processor - Best Platform for Businesses of all sizes Intel® Core™ Processor with Intel® Small Business Advantage - Smart Platform for Unmanaged Small Business	
Memory modules	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	
Hard disk drives (internal)	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	
	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 HDD interface: S-ATA III (6GBit/s)	
Modular bay options	2nd battery	
	2nd hard disk drive	
	Blu-ray Disc™ Triple Writer	
	DVD Super Multi	
	Weight saver	
Interface add on cards/components (optional)		
3G/4G (optional)	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)	
WLAN (optional)	Intel® Dual Band Wireless-AC8260 11ac with integrated Bluetooth 4.1	
Display	35.6 cm (14-inch),LED backlight,(HD),Anti-glare display,magnesium,1,366 x 768 pixel,350:1,200 cd/m²	
	35.6 cm (14-inch),LED backlight,(Full HD),Anti-glare IPS display,magnesium,1,920 x 1,080 pixel,700:1,300 cd/m²	

Multimedia	
Camera	Optional: Built-in webcam, Full HD (2,073 megapixel) (Microsoft® Lync™)

Base unit

Base unit	LIFEBOOK E746 non-vPro	LIFEBOOK E746 vPro
General system information		
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	Built-in 10/100/1,000 MBit/s Intel® I219V	Built-in 10/100/1,000 MBit/s Intel® I219LM
BIOS features	InsydeH20 Bios	InsydeH20 Bios
Audio type	On board	On board
Audio codec	Realtek ALC255	Realtek ALC255
Audio features	Stereo speakers	Stereo speakers
Display		
Display notes	ISO 9241-307 - Pixel class II HD: Viewing angle: L/R 40°, T10°, B 30°; Color Gammut: 45% FHD IPS: Viewing angle: L/R/T/B 85°, Color Gammut: 72%	ISO 9241-307 - Pixel class II HD: Viewing angle: L/R 40°, T10°, B 30°; Color Gammut: 45% FHD IPS: Viewing angle: L/R/T/B 85°, Color Gammut: 72%
Graphics		
Base unit	LIFEBOOK E746 non-vPro	LIFEBOOK E746 vPro
TFT resolution (DisplayPort)	up to 4,096 × 2,160	up to 4,096 × 2,160
TFT resolution (VGA)	up to 1,920 x 1,200	up to 1,920 x 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 x 1,200	up to 1,920 x 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
Interfaces		
DC-in	1	
Audio: line-out / headphone	1	
Audio: line-in / microphone	1	
Internal microphones	2x digital microphones (array)	
USB 2.0 total	1	
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	

Port Replicator interfaces (optional)	
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	
	Black colored key caps for backlight keyboard#Black colored key caps with red frame for regular keyboard#Isolation keyboard#Spill-resistant standard keyboard w/o touchstick
	Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 1.7 mm
	Multi gesture touchpad (93mmx55mm) with 2 integrated mouse buttons Application buttons Status LED

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) 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, 7,100 mAh, 77 Wh
2nd battery (optional)	Li-Ion battery 6-cell, 2,600, mAh, 28 Wh
Runtime 1st battery	up to 14h
Runtime 1st + 2nd battery	up to 19 h
Battery charging time	~150 min (63Wh) ~ 180 min (72Wh) ~210 min (77Wh)
Battery notes	Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to 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	Please refer to the Eco Declaration

Dimensions / Weight / Environmental	
Dimensions (W x D x H)	338 x 231 x 20 (front) - 27 (rear) mm
	13.38 x 9.09 x 0.78 (front) - 1.06 (rear) inch
Weight	from 1.7 kg
Weight (lbs)	from 3.7 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)	
Europe	CE CB	
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 6.1 EPEAT® Gold (dedicated regions)	
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates	
Additional Software		
Additional software (preinstalled)	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)	
Additional software (optional)	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		
Manageability technology	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: http://www.intel.com/go/sba) iAMT 11.0 (depending on processor)
Manageability software	DeskView Client DeskView Instant BIOS Management	
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management	
Supported standards	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)	
Manageability link	http://www.fujitsu.com/fts/manageability	
Security		
Physical Security	Kensington Lock support	Kensington Lock support
System and BIOS Security	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)

Security		
User Security	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

Warranty	
Warranty period	2 years (for countries within EMEIA)
Warranty type	Collect & Return Service / Bring-in Service (depending on country)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty
Product Support Services - the perfect extension	
Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	htttp://ts.fujitsu.com/Supportservice

Recommended Accessories

Port Replicator for LIFEBOOK U745, T7, E5, E7 Series and CELSIUS H730		Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu's docking options.	Order Code: S26391-F1337-L109
USB Port Replicator PR7.1		The FUJITSU USB Port Replicator PR7.1 is the perfect solution for shared desktop (BYOD) environments. It connects your mobile system to your main peripherals with a single USB 3.0 plug. This Port Replicator generates additional DVI or HDMI digital video performance, enabling your system to run up to three screens independently at your workplace.	Order Code: S26391-F6007-L310
MicroSaver Slim		The Fujitsu Kensington MicroSaver slim features the patented T-Bar locking mechanism with carbon tempered steel core cable and an external braided steel sheath. The MicroSaver slim 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-L200
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 Mouse WI200		The Wireless Mouse WI200 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 WI200 wireless mouse is well suited to all environments and to each user whether right or left handed.	Order Code: S26381-K462-L100
UC&C USB Headset Stereo H650e		The UC&C USB Headset Stereo H650e is the ultimate in style and functionality. Long, uncomfortable work calls are a thing of the past thanks to the cushioned ear pads and crystal clear sound. Adjustable headband and microphone provides the perfect fit for everyone. Optimized for Microsoft® Lync™ the headset displays a red 'in-call' LED to let your co-workers know when you're available, thus helping to boost office productivity.	Order Code: S26391-F7139-L10
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 for security.	S26381-K565-L4** (**: Country specific variation)

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU Notebook LIFEBOOK E746, 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 Notebook LIFEBOOK E746, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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

Green Policy Innovation

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