

Fujitsu recommends Windows 10 Pro.

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 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) Certified for SUSE Enterprise Desktop | Operating system compatible Windows 7 Professional 64-bit (with 6th generation Intel® processors) Windows 7 Professional 32-bit (with 6th generation Intel® processors) Certified for SUSE Enterprise Desktop |
| 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) | 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 storage interface: S-ATA III (6Gbit/s) If configured with an HDD, the drive has an integrated shock sensor. | |
| 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) | LTE Sierra Wireless EM7305 (Cat. 3) (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 | |
| Display | 35.6 cm (14-inch), LED backlight, (HD), Anti-glare display, magnesium, 1,366 x 768 pixel, 350:1,200 cd/m ² 35.6 cm (14-inch), LED backlight, (Full HD), Anti-glare IPS display, magnesium, 1,920 x 1,080 pixel, 700:1,300 cd/m ² | |

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)-duplicate | 2 DIMM (DDR4)-duplicate |
| 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 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 |
| MIL-STD tested | Yes, selected MIL-STD-810G tests passed. MIL-STD-810G test results are not a guarantee of future performance under identified test conditions. Accidental damage is not covered under standard international limited warranty. | Yes, selected MIL-STD-810G tests passed. MIL-STD-810G test results are not a guarantee of future performance under identified test conditions. Accidental damage is not covered under standard international limited warranty. |
| Display | | |
| Display notes | ISO 9241-307 - Pixel class II HD: Viewing angle: L/R 40°, T10°, B 30°; Color Gamut: 45% FHD IPS: Viewing angle: L/R/T/B 85°, Color Gamut: 72% | ISO 9241-307 - Pixel class II HD: Viewing angle: L/R 40°, T10°, B 30°; Color Gamut: 45% FHD IPS: Viewing angle: L/R/T/B 85°, Color Gamut: 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 × 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 |
| 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 3.1 Gen1 (USB 3.0) total | 3 (1 with Anytime USB Charge functionality) | |
| VGA | 1 (exclusive with DP) | |
| DisplayPort | 1 (exclusive with VGA) | |
| Ethernet (RJ-45) | 1 | |

Interfaces

| | |
|--------------------------|--|
| 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 3.1 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

| | | |
|---|--|--------------------|
| Black colored key caps for backlight keyboard | Black colored key caps with red frame for regular keyboard | Isolation keyboard |
| Standard keyboard w/o touchstick (spill-resistant) | | |
| 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 | v4.2 |
| 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) 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 |
| USA/Canada | FCC (depending on configuration) |
| 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) |
| China | CCC (depending on configuration) |
| Compliance link | https://sp.ts.fujitsu.com/sites/certificates |

Additional Software

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|---|--|
| 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® LTE / UMTS Connection Manager (if configured 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 | |

Manageability

| | | |
|---------------------------------|---|---|
| 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 | |
| System and BIOS Security | Absolute Persistence® technology capable BIOS Optional: Trusted platform module (TPM 1.2 or 2.0) EraseDisk (optional) | |
| 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 EMEA) |
| 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-duplicate |
| Spare Parts availability | 5 years after end of product life |
| Service Weblink | http://ts.fujitsu.com/Supportservice |

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 |
| 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 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

Dicota TopTraveler Base 13-14

The Dicota Top Traveler Base 13-14 protects notebooks with up to 14-inch screens. A padded top-loading notebook compartment ensures added protection. It is equipped with a front compartment for storage of power adapters, office supplies or personal items. Its lightweight design ensures flexibility in the office or at home.

Order Code:
S26391-F1193-L120

Sneaker Sleeve 14

The Sneaker Sleeve 14 protects notebooks with up to 14-inch screens. The front half of the bag has dedicated compartments for your notebook, power cord, office supplies and personal items. The back half of the bag has an expanding, divided compartment for your files.

Order Code:
S26391-F1194-L401

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.

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>



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