Data Sheet
FUJITSU Notebook LIFEBOOK U745

Business Elegance Meets Premium Security

The FUJITSU Notebook LIFEBOOK U745 is a slim and light Ultrabook™ for professionals supporting optimum mobility for business trips and ergonomics in the office. Its low weight from 1.55 kg (3.42 lbs) combined with a 35.6 cm (14.0-inch) anti-glare display with touch panel and backlit keyboard options offers you mobile comfort. The 4G/LTE or 3G/UMTS option and the pull-out LAN connector grant you added connectivity. Moreover, an embedded palm vein sensor option guarantees ultimate protection of your data. The common port replicator with the LIFEBOOK E family facilitates workplace sharing; the VGA port allows you to present on demand.







Elegance in combination with ergonomics
Elegant design and comfortable working in every situation
- A slim 19 mm (0.75-inch) and lightweight notebook from 1.55 kg (3.42 lbs), FHD anti-glare display or HD+ with touch panel option, magnesium housing with aluminum palm rest

Optimum mobility and workplace convenience in one
Convenient working anywhere with a variety of features for the most demanding mobile user
- Ultrabook™ with VGA port, display port, common port replicator with LIFEBOOK E family, Anytime USB Charge to charge phones, media devices even when the system is turned off, backlit keyboard option

Premium security
Guarantee protection of your notebook and company data from unauthorized access
- Embedded palm vein sensor or fingerprint sensor option, Full Disk Encryption, SmartCard reader option, Trusted Platform Module option

Ultimate connectivity
Flexibility and increased availability through a variety of options
- Pull-out LAN connector, embedded 4G/LTE or 3G/UMTS option, WLAN and Bluetooth

Easy upgradeability
Direct access to key components reduces upgrade time and costs
- Door to exchange the battery, memory and internal storage

Components

Base unit	LIFEBOOK U745 14.0-inch
Operating systems	
Operating system	Windows 8.1 Pro 64-bit Windows 8.1 64-bit Windows 7 Professional 64-bit
Operating system compatible	Windows 10 Pro (license + recovery media only) Windows 8 64-bit Windows 8 32-bit Windows 7 Professional 32-bit
Processor	Intel® Core™ i5-5200U processor (2.2 GHz, up to 2.7 GHz, 3 MB) *
	Intel® Core™ i3-5010U processor (2.1 GHz, 3 MB) *
	Intel® Core™ i7-5600U processor (2.6 GHz, up to 3.2 GHz, 4 MB)
	Intel® Core™ i5-5300U processor (2.3 GHz, up to 2.9 GHz, 3 MB)
	*Processor only for retail, SMB, education and government
	Intel® Core™ vPro™ Processor - Best Platform for Businesses of all sizes
Memory modules	4 GB (1 module(s) 4 GB) DDR3 L, 1,600 MHz, PC3-12800, SO DIMM
	8 GB (1 module(s) 8 GB) DDR3 L, 1,600 MHz, PC3-12800, SO DIMM
Hard disk drives (internal)	SSHD, 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
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)
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® Wireless-N 7265 2x2 b/g/n with integrated Bluetooth 4.0
	Intel® Dual Band Wireless-N 7265 2x2 ac with integrated Bluetooth 4.0
Display	35.6 cm (14-inch),LED backlight,(HD+),Anti-glare touchscreen,magnesium,1,600 x 900 pixel,400:1 ,250 cd/m²
	35.6 cm (14-inch),LED backlight,(HD+),Anti-glare display,magnesium,1,600 x 900 pixel,400:1 ,250 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	Built-in webcam (HD) with Status LED

Base unit

Base unit	LIFEBOOK U745 14.0-inch
General system information	
Chipset	Integrated

General system information	
Chipset notes	Supports iAMT 10.0 Intel® vPro™ requires Core i5-53xx & i7-56xx CPU, Intel WLAN 7265 ac, TPM module
Supported capacity RAM (max.)	12 GB
Memory slots	1 DIMM (DDR3L)
Memory notes	DDR3L – 1,600 MHz 4 GB onboard, 1 DIMM slot with max. 8 GB
LAN	Built-in 10/100/1,000 MBit/s Intel® 218LM
BIOS features	BIOS based on Phoenix SecureCore
Audio type	On board
Audio codec	Realtek ALC3233
Audio features	Stereo speakers

Display	
Display notes	ISO 9241-307 - Pixel class II HD - Viewing angle: L/R 45°, T15°, B 35°; Color Gammut: 45% FHD - Viewing angle: L/R/T/B 85°, Color Gammut: 72%

Graphics	
Base unit	LIFEBOOK U745 14.0-inch
TFT resolution (DisplayPort)	up to 2,560 x 1,600
TFT resolution (VGA)	up to 1,920 x 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 x 1,200
Graphics brand name	Intel® HD Graphics 5500
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 (pull-out connector)
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	
	Black colored key caps for backlight keyboard#Black colored key caps with red frame for regular keyboard#Isolation keyboard#Spill-resistant standard keyboard
	Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 1.7 mm
	Touchpad with two mouse buttons EcoButton Status LED
Wireless technologies	
Antennas	2 Dual band WLAN antennas, 2 UMTS/LTE antennas optional, Bluetooth antenna shared with WLAN
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/ min. 80W AC Adapter for usage with Port Replicator
1st battery options	Lithium polymer battery 4-cell, 45 Wh
Runtime 1st battery	Up to 9:30 h
Battery charging time	~120 min
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
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	332.6 x 234.0 x 19.0 mm
	13.09 x 9.21 x 0.75 inch
Weight	from 1.55 kg with non-touch display, from 1.70 kg with touch display
Weight (lbs)	from 3.42 lbs with non-touch display, with touch display from 3.75 lbs
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35 °C (41 - 95 °F)
Operating relative humidity	20 - 85 %
Compliance	
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® 6.0 EPEAT® Gold (dedicated regions)
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates

Additional Software

Additional software (preinstalled)	Adobe® Reader® (pdf reader) McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version) Fujitsu LIFEBOOK Application Panel Fujitsu Display Manager ShockSensor Utility Power Saving Utility Fujitsu Plugfree Network (network management utility) EasyGuide online user documentation Microsoft Office (buy license to activate the pre-installed Microsoft Office) Win8: 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) CyberLink YouCam (webcam software)

Manageability

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intel® vPro™ technology WoL (Wake on LAN) iAMT 10.0 (depending on CPU)
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

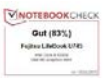
Physical Security	Kensington Lock support
System and BIOS Security	Absolute Persistence® technology capable BIOS Optional: Trusted platform module (TPM 1.2)
User Security	Access protection via internal SmartCard reader (optional) Embedded palm vein sensor (optional) Embedded fingerprint sensor (optional) 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
Security notes	Choose people over passwords. Protect your business with PalmSecure technology http://choosepeopleoverpasswords.global.fujitsu.com/

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

Warranty	
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



Notebookcheck.com

Notebookcheck test result: good,
FUJITSU Notebook LIFEBOOK
U745,
Notebookcheck.com - Germany
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Recommended Accessories

Port Replicator for LIFEBOOK U745, 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
AC Adapter LIFEBOOK or STYLISTIC		Recharge your notebook or tablet at work, at home or on the road with a second power source easily. Depending on your device you can choose from various AC Adapters ranging from a 2-pin or 3-pin, a slim and light or standard adapter, or even the innovative 0-Watt AC Adapter.	Order Code: S26391-F1246-L509
AC Adapter LIFEBOOK or STYLISTIC		Recharge your notebook or tablet at work, at home or on the road with a second power source easily. Depending on your device you can choose from various AC Adapters ranging from a 2-pin or 3-pin, a slim and light or standard adapter, or even the innovative 0-Watt AC Adapter.	Order Code: S26391-F1246-L549
Prestige Pro Case Midi 14		The Fujitsu Prestige Pro Case Midi 14 offers you a stylish high-quality leather and nylon combination which will impress everyone who sees it. It protects your 35.6 cm (14-inch) notebook plus your essential accessories in padded compartments. Everything will be safe but accessible in dedicated front, document, and identification pockets.	Order Code: S26391-F1191-L80
Sleeve Case M		The Fujitsu Sleeve Case M is the ideal notebook companion for easy transportation and protection. The slim construction makes it extremely portable, whilst the combination of exterior Twill PU and interior suede material protects your notebook from any potential damage. It incorporates a hidden magnet to keep the lid closed and the angular cut shape means that the compartment inside is easily accessible.	Order Code: S26391-F1192-L312
Wireless Notebook Mouse WI610		The Wireless Notebook Mouse WI610 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 WI610 wireless mouse is well suited to all environments.	Order Code: S26381-K460-L100

External Super Multi Drive		For independent working and entertainment on your business or private trips, Fujitsu offers the small external DVD drive designed to travel with you. Upgrade your notebook or PC with this external drive and use it wherever you are.	Order Code: S26341-F103-L135
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 U745 , 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 U745 , 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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