

Fujitsu recommends Windows 10 Pro.

Data Sheet

FUJITSU Notebook LIFEBOOK U747

Ultra-Mobile Meets Ultra Secure

The new LIFEBOOK U747, based on the 7th generation Intel® Core™ processor is a slim and light ultra-mobile notebook for business professionals supporting optimum mobility for business trips and ergonomics in the office. With its 35.6 cm (14-inch) and light weight of only 1.43 kg (3.15 lbs.) it provides excellent mobility. Ergonomic viewing is guaranteed with the anti-glare HD, FHD or optional FHD touch display options and the embedded palm vein or finger print sensor provide outstanding security. Smart design combines legacy interfaces like full-size VGA and easy upgradeability with a thin and durable housing. The common port replicator of the LIFEBOOK U family facilitates workplace sharing within today's modern workstyle.



Premium connectivity

Stay flexible and productive within a modern workplace environment

- Full set of interfaces with full-size LAN connector, full-size VGA port and USB Type-C
- Embedded 4G/LTE, WLAN and Bluetooth

Excellent security for your business

Enhance your security with outstanding features to best protect your notebook and company data from unauthorized access

- Embedded palm vein or finger print sensor, Trusted Platform Module 2.0, integrated SmartCard reader



Elegant design and mobility

Manage your workday with premium notebooks providing ultimate convenience to maximize your productivity

- A remarkable slim 19.2 mm ultra-mobile notebook starting from 1.43 kg, HD or FHD display, anti-glare, FHD touch panel option, aluminum/magnesium housing and optional backlit keyboard



Family concept

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

- Shared components such as the same classic or USB Type-C port replicator, AC Adapter, keyboard layout, BIOS and bit image across the ultra-mobile LIFEBOOK U family

Convenient upgradeability

Direct access to key components reduces upgrade time and costs

- Battery, memory and internal storage can be changed easily



Components

Base unit	LIFEBOOK U747 non vPro	LIFEBOOK U747 vPro
Operating systems		
Operating system	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
Operating system notes	MS OS support information: Systems with 7th generation Intel processor receive support from Microsoft with Windows 10 Home / Windows 10 Pro only. For more information, please see MS Support Lifecycle.	MS OS support information: Systems with 7th generation Intel processor receive support from Microsoft with Windows 10 Home / Windows 10 Pro only. For more information, please see MS Support Lifecycle.
Processor		
	Intel® Core™ i7-7600U processor (2.9 GHz, up to 3.9 GHz, 4 MB)	
	Intel® Core™ i7-7500U processor (2.7 GHz, up to 3.5 GHz, 4 MB) *	
	Intel® Core™ i5-7300U processor (2.6 GHz, up to 3.5 GHz, 3 MB)	
	Intel® Core™ i5-7200U processor (2.5 GHz, up to 3.1 GHz, 3 MB) *	
	Intel® Core™ i3-7100U processor (2.4 GHz, 3 MB) *	
	*Processor only for retail, SMB, education and government	
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, M.2 module, SED	
	SSD SATA III, 256 GB, M.2 module, SED	
	SSD SATA III, 256 GB, M.2 module	
	SSD SATA III, 128 GB, M.2 module	
	PCIe-SSD, 512 GB, M.2 module, SED	
	PCIe-SSD, 256 GB, M.2 module, SED	
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 or PCIe	
Interface add on cards/components (optional)		
3G/4G (optional)	LTE Sierra Wireless EM7455 (Cat. 6) (Downlink speed up to 300 Mbit/s, Uplink speed up to 50 Mbit/s) 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-AC8265 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, 220 cd/m ² 35.6 cm (14-inch), LED backlight, (Full HD), Anti-glare IPS touchscreen, magnesium, 1,920 x 1,080 pixel, 700:1, 300 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, HD (Microsoft® Lync™)	

Base unit

Base unit	LIFEBOOK U747 non vPro	LIFEBOOK U747 vPro
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General system information

Chipset	Integrated	Integrated
Chipset notes	- - -	Supports iAMT 11.6 Intel® vPro™ requires Core i5-73xx & i7-76xx CPU, Intel WLAN 8265ac, 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 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: Left/Right 45°, Top 20°, Bottom 40°; Color Gammut: 45% FHD - Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gammut: 72%	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 45°, Top 20°, Bottom 40°; Color Gammut: 45% FHD - Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gammut: 72%
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Graphics

Base unit	LIFEBOOK U747 non vPro	LIFEBOOK U747 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 620	Intel® HD Graphics 620
Graphics features	3 Display Support	3 Display Support
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 (combo port with Audio line-in)
Audio: line-in / microphone	1 (combo port with Audio line-out)
Internal microphones	2x digital array microphones (optional)
USB 3.1 Gen1 (USB 3.0) total	2x Type-A (1 with Anytime USB charge functionality) 1x Type-C (with Power Delivery functionality)
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1 (with status LED)
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 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	4x Type-A 2x Type-C
DisplayPort	2
VGA	1
DVI	1
Ethernet (RJ-45)	1 (10/100/1000)
Kensington Lock support	1 (Portrep only, Portrep option with key lock to secure Portrep & System)

Keyboard and pointing devices

Keyboard w/o touchstick (spill-resistant)#Keyboard w/ touchstick#Backlight keyboard w/o touchstick (spill-resistant)
 Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 1.7 mm
 Multi gesture touchpad with two mouse buttons
 Status LED
 Power Button

Wireless technologies

Antennas 2 Dual band WLAN antennas, 2 LTE antennas optional
Bluetooth v4.2
WLAN encryption WEP, WPA, WPA2
WLAN notes Import and usage according to country-specific regulations.
GPS Embedded in 3G/4G module if configured with WWAN

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/80W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator
1st battery options Lithium polymer battery 4-cell, 50 Wh
Battery features Quick Charge: 80% in 1 h
Runtime 1st battery up to 10 h
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) 332.6 x 234 x 19.0mm (non-touch), 19.6mm (touch) mm
 13.09 x 9.21 x 0.75 (non-touch), 0.77 (touch) inch
Weight From 1.43 kg
Weight (lbs) From 3.15 lbs
Weight notes 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)
 Microsoft Operating Systems (HCT / HCL entry / WHQL)
 ENERGY STAR® 6.1
 EPEAT® Gold (dedicated regions) (planned)
Compliance link <https://sp.ts.fujitsu.com/sites/certificates>

Additional Software

Additional software (preinstalled) McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version)
 Waves MaxxAudio (audio enhancer)
 Fujitsu Plugfree Network (network management utility)
 Fujitsu Anytime USB Charge Utility
 Fujitsu Battery Utility
 Fujitsu Function Manager
 Fujitsu DeskUpdate (driver and utility tool)

Additional Software

Additional software (optional)	LTE / UMTS Connection Manager (if configured with 4G/LTE or 3G/UMTS) Microsoft Office (buy license to activate the pre-installed Microsoft Office) CyberLink YouCam (webcam software) Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows®
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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) WoL (Wake on LAN) Intel® vPro™ technology iAMT 11.6 (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) CIM (Common Information Model) BootP (made4you)	
Manageability link	http://www.fujitsu.com/fts/manageability	

Security

System and BIOS Security	Optional: Trusted Platform Module (TPM 2.0) EraseDisk (optional)	Optional: Trusted Platform Module (TPM 2.0) EraseDisk (optional)
User Security	Integrated palm vein sensor (optional) Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)	Integrated palm vein sensor (optional) Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)

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
Spare Parts availability	5 years after end of product life
Service Weblink	http://ts.fujitsu.com/Supportservice

Recommended Accessories

Order Code:
S26391-F1607-L209

			Order Code: S26391-F1667-L100
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
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

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU Notebook LIFEBOOK U747, 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

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More information

Learn more about FUJITSU Notebook LIFEBOOK U747, 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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