

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	LIFEBOOK U747 6th Gen
<b>Operating systems</b>			
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home Windows 7 Professional (available through downgrade rights from Windows 10 Pro)
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.	
<b>Processor</b>			
	LIFEBOOK U747 non vPro	LIFEBOOK U747 vPro	LIFEBOOK U747 6th Gen
	Intel® Core™ i3-7100U processor (2.4 GHz, 3 MB) * Intel® Core™ i5-7200U processor (2.5 GHz, up to 3.1 GHz, 3 MB) * Intel® Core™ i5-7300U processor (2.6 GHz, up to 3.5 GHz, 3 MB) Intel® Core™ i7-7500U processor (2.7 GHz, up to 3.5 GHz, 4 MB) Intel® Core™ i7-7600U processor (2.8 GHz, up to 3.9 GHz, 4 MB)	Intel® Core™ i5-7300U processor (2.6 GHz, up to 3.5 GHz, 3 MB) Intel® Core™ i7-7600U processor (2.8 GHz, up to 3.9 GHz, 4 MB)	Intel® Core™ i5-6200U processor (2.3 GHz, up to 2.8 GHz, 3 MB) * Intel® Core™ i5-6300U processor (2.4 GHz, up to 3.0 GHz, 3 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 drive</b>			
	PCIe-SSD, 256 GB M.2 NVMe module, SED PCIe-SSD, 512 GB M.2 NVMe module, SED SSD SATA III, 128 GB M.2 module SSD SATA III, 256 GB M.2 module SSD SATA III, 256 GB M.2 module, SED SSD SATA III, 512 GB M.2 module, SED	PCIe-SSD, 256 GB M.2 NVMe module, SED PCIe-SSD, 512 GB M.2 NVMe module, SED SSD SATA III, 128 GB M.2 module SSD SATA III, 256 GB M.2 module SSD SATA III, 256 GB M.2 module, SED SSD SATA III, 512 GB M.2 module, SED	PCIe-SSD, 256 GB M.2, no PW support PCIe-SSD, 512 GB M.2, no PW support SSD SATA III, 128 GB M.2 module SSD SATA III, 256 GB M.2 module SSD SATA III, 512 GB M.2 module, SED
<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 storage interface: S-ATA III or PCIe		
<b>WLAN</b>			
	LIFEBOOK U747 non vPro	LIFEBOOK U747 vPro	LIFEBOOK U747 6th Gen
	Intel® Dual Band Wireless-AC8265 11ac with integrated Bluetooth 4.2	Intel® Dual Band Wireless-AC8265 11ac with integrated Bluetooth 4.2	Intel® Dual Band Wireless-AC8260 11ac with integrated Bluetooth 4.2
<b>3G/4G</b>			
	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)	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)	LTE Sierra Wireless EM7305 (Cat. 3) (Downlink speed up to 100 Mbit/s, Uplink speed up to 50 Mbit/s)

<b>Display</b>	35.6 cm (14-inch),LED backlight,(HD),Anti-glare display,magnesium,1,366 x 768 pixel,350:1,220 cd/m <sup>2</sup>
	35.6 cm (14-inch),LED backlight,(Full HD),Anti-glare IPS touchscreen,magnesium,1,920 x 1,080 pixel,700:1,260 cd/m <sup>2</sup>
	35.6 cm (14-inch),LED backlight,(Full HD),Anti-glare IPS display,magnesium,1,920 x 1,080 pixel,700:1,260 cd/m <sup>2</sup>

**Multimedia**

<b>Camera</b>	Optional: Built-in webcam, HD (Microsoft® Lync™)
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## Base unit

Base unit	LIFEBOOK U747 non vPro	LIFEBOOK U747 vPro	LIFEBOOK U747 6th Gen
<b>General system information</b>			
<b>Chipset</b>	Integrated	Integrated	Integrated
<b>Chipset notes</b>	---	Supports iAMT 11.6 Intel® vPro™ requires Core i5-73xx & i7-76xx CPU, Intel WLAN 8265ac, TPM module	Supports iAMT 11.0 Intel® vPro™ requires Core i5-63xx & i7-66xx CPU, Intel WLAN 8260ac, TPM module
<b>Supported capacity RAM (max.)</b>	32 GB	32 GB	32 GB
<b>Memory slots</b>	2 DIMM (DDR4)	2 DIMM (DDR4)	2 DIMM (DDR4)
<b>Memory notes</b>	DDR4 - 2133 MHz	DDR4 - 2133 MHz	DDR4 - 2133 MHz
<b>LAN</b>	10/100/1,000 MBit/s Intel® I219V	10/100/1,000 MBit/s Intel® I219LM	10/100/1,000 MBit/s Intel® I219LM
<b>BIOS version</b>	UEFI Specification 2.5	UEFI Specification 2.5	UEFI Specification 2.4
<b>BIOS features</b>	InsydeH20 Bios	InsydeH20 Bios	InsydeH20 Bios
<b>Audio type</b>	On board	On board	On board
<b>Audio codec</b>	Realtek ALC255	Realtek ALC255	Realtek ALC255
<b>Audio features</b>	Stereo speakers	Stereo speakers	Stereo speakers
<b>MIL-STD tested</b>	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.	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**

<b>Display notes</b>	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 45°, Top 20°, Bottom 40°; Color Gamut: 45% FHD - Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gamut: 72%	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 45°, Top 20°, Bottom 40°; Color Gamut: 45% FHD - Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gamut: 72%	ISO 9241-307 - Pixel class II HD - Viewing angle: Left/Right 45°, Top 20°, Bottom 40°; Color Gamut: 45% FHD - Viewing angle: Left/Right 85°, Top 85°, Bottom 85°; Color Gamut: 72%
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**Graphics**

<b>Base unit</b>	LIFEBOOK U747 non vPro	LIFEBOOK U747 vPro	LIFEBOOK U747 6th Gen
<b>TFT resolution (DisplayPort)</b>	up to 4096 x 2160	up to 4096 x 2160	up to 4096 x 2160
<b>TFT resolution (VGA)</b>	up to 1,920 x 1,200	up to 1,920 x 1,200	up to 1,920 x 1,200
<b>TFT resolution (DVI on Port Replicator)</b>	up to 1,920 x 1,200	up to 1,920 x 1,200	up to 1,920 x 1,200
<b>Graphics brand name</b>	Intel® HD Graphics 620	Intel® HD Graphics 620	Intel® HD Graphics 520
<b>Graphics features</b>	3 Display Support	3 Display Support	3 Display Support
<b>Graphics notes</b>	Shared memory depending on main memory size and operating system	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 microSD up to 2GB, microSDHC up to 32GB, microSDXC up to 128GB Speed Class: up to UHS-I
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 <a href="http://www.bapco.com">www.bapco.com</a> 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**

<b>Noise emission</b>	Please refer to the Eco Declaration	Please refer to the Eco Declaration	Please refer to the Eco Declaration
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**Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	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
<b>Weight</b>	From 1.43 kg
<b>Weight (lbs)</b>	From 3.15 lbs
<b>Weight notes</b>	Weight may vary depending on actual configuration
<b>Operating ambient temperature</b>	5 - 35 °C (41 - 95 °F)
<b>Operating relative humidity</b>	20 - 80 %

**Compliance with standards**

<b>Germany</b>	GS planned (Full HD Display only)
<b>Europe</b>	CE CB
<b>Global</b>	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)
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

<b>Additional software (preinstalled)</b>	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)
<b>Additional software (optional)</b>	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®

**Manageability**

<b>Manageability technology</b>	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)	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) iAMT 11.0 (depending on processor)
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management		
<b>DeskView components</b>	Inventory Management BIOS Management Driver Management Security Management Alarm Management		
<b>Supported standards</b>	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model) BootP (made4you)		
<b>Manageability link</b>	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>		

**Security**

<b>System and BIOS Security</b>	Optional: Trusted Platform Module (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1511)	Optional: Trusted Platform Module (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1511)	Optional: Trusted Platform Module (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1511)
<b>User Security</b>	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)	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**

<b>Warranty period</b>	2 years (for countries within EMEA)
<b>Warranty type</b>	Bring-in Service / Collect & Return Service (depending on country)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Product Related Services - the perfect extension</b>	
<b>Recommended Service</b>	X - 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

<b>Port Replicator for LIFEBOOK U7 and E5x8 family with key lock</b>		Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu's docking options.	Order Code: S26391-F1607-L209
<b>MicroSaver Slim 2.0</b>		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
<b>Dicota TopTraveler Base 13-14</b>		The Decota 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
<b>Sneaker Sleeve 14</b>		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

**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 Value Headset**

The FUJITSU UC&C USB Value Headset is a lightweight bi-aural full-size stereo headset with high wearing comfort. This Lync-tested USB-Headset has an appropriate Inline-Controller which supports easy call management. A noise cancelling microphone facilitates undisturbing clear phone calls.

Order Code:  
S26391-F7139-L20

**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 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/](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 U747, 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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