



Data Sheet

FUJITSU Notebook LIFEBOOK U747

Modern Workplace Meets Elegant Business Design

As a member of the FUJITSU Notebook LIFEBOOK® U7 Series, the LIFEBOOK U747 is a slim and light ultra-mobile notebook for business professionals supporting optimum mobility for business trips and ergonomics in the office. With its 14-inch (35.6 cm) size and light weight of only 3.28 lbs. (1.5 kg) 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 fingerprint 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 in 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®
- 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 fingerprint sensor, Windows Hello Support, 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 remarkably slim 0.75-inch (19 mm) ultra-mobile notebook starting from 3.28 lbs. (1.5 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 port replicator optional with USB Type-C, AC Adapter, keyboard layout and shared mainboard with same drivers, 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
Operating systems	Windows 10® Pro 64-bit Windows 10® Home 64-bit Windows® 7 Professional 64-bit - available with Intel® 6th Generation Processors only
Processor	7th Generation Intel® Core® i5-7200U processor (2.5 GHz, up to 3.1 GHz, 3MB) / non-vPro®* 7th Generation Intel® Core® i5-7300U processor (2.6 GHz, up to 3.5 GHz, 3MB) / vPro® and non-vPro® 7th Generation Intel® Core® i7-7500U processor (2.7 GHz, up to 3.5 GHz, 4MB) / non-vPro®* 7th Generation Intel® Core® i7-7600U processor (2.8 GHz, up to 3.9 GHz, 4MB) / vPro® and non-vPro® 6th Generation Intel® Core® i5-6200U processor (2.3 GHz, up to 2.8 GHz, 3MB) / non-vPro®* 6th Generation Intel® Core® i5-6300U processor (2.4 GHz, up to 3.0 GHz, 3MB) / vPro® and non-vPro® *Processor only for retail, SMB, education and government
Memory	4 GB DDR4, 2,133 MHz, SO-DIMM Module 8 GB DDR4, 2,133 MHz, SO-DIMM Module 16 GB DDR4, 2,133 MHz, SO-DIMM Module
Hard disk drives	128 GB M.2 SATA SSD 256 GB M.2 SATA SSD 256 GB M.2 SATA SED/OPAL SSD 512 GB M.2 SATA SED/OPAL SSD 256 GB M.2 PCIe NVMe SED/OPAL SSD - available with Intel® 7th Generation processors only 512 GB M.2 PCIe NVMe SED/OPAL SSD - available with Intel® 7th Generation processors only 256 GB M.2 PCIe NVMe Non-SED SSD - available with Intel® 6th Generation processors only 512 GB M.2 PCIe NVMe Non-SED SSD - available with Intel® 6th Generation processors only
Battery	Lithium polymer battery 4-cell, 50 Wh
LCD Display	14.0" (35.6 cm) HD anti-glare, 1366 x 768 pixel, 350:1, 220cd/m ² 14.0" (35.6 cm) FHD anti-glare, 1920 x 1080 pixel, 700:1, 300cd/m ² 14.0" (35.6 cm) FHD Touchscreen, anti-glare, 1920 x 1080 pixel, 700:1, 300cd/m ²
WLAN	Intel® Dual Band Wireless-AC 8265 - available with Intel® 7th Generation processors only Intel® Dual Band Wireless-AC 8260 - available with Intel® 6th Generation processors only
Bluetooth	v4.1
Hard disk drives (internal)	
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
Multimedia	
Camera	Optional: Built-in webcam, HD (Microsoft® Lync™)

Base Unit

Base Unit	LIFEBOOK U747
General system information	
Chipset	Integrated
Supported capacity RAM (max.)	32 GB
Memory slots	2 DIMM (DDR4)
Memory notes	DDR4 - 2133 MHz
LAN	10/100/1,000 MBit/s Intel® I219V
BIOS features	InsydeH20 Bios
Audio type	On board
Audio codec	Realtek® ALC255
Audio features	Stereo speakers
Display	
Display notes	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%
Graphics	
Base unit	LIFEBOOK U747
TFT resolution (DisplayPort)	up to 4,096 × 2,160
TFT resolution (VGA)	up to 1,920 × 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 × 1,200
Graphics brand name	Intel® HD Graphics 620
Graphics features	3 Display Support
Graphics notes	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 3.0 total	2x USB 3.0 Type-A (1 with Anytime USB charge functionality) 1x USB 3.1 (Gen 1) Type-C (with Power Delivery functionality)
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1 (10/100/1000)
Memory card slots	1 (SD up to 2GB, SDHC up to 32GB, SDXC up to 128GB)
SmartCard slot	1 (optional)
Port Replicator interfaces (optional)	
DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1

Base Unit

USB	4x USB 3.0 Type-A 2x USB 3.1 (Gen 1) Type-C
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
Keyboard and pointing devices	
	Anti-microbial, spill-resistant, isolation keyboard
	Backlit, spill-resistant, isolation keyboard
	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
Bluetooth	v4.1
WLAN encryption	WEP, WPA, WPA2
WLAN notes	Import and usage according to country-specific regulations.
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 / 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/ 90W AC Adapter for usage with Port Replicator
1st battery options	Lithium Polymer battery 4-cell, 50 Wh
Runtime 1st battery	up to 10 hours, 40 minutes with HD Display; up to 8 hours, 30 minutes with FHD (non-touch or touchscreen)
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.
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	13.09 x 9.21 x 0.75 inches 332.6 x 234 x 19.0mm (non-touch and touchscreen)
Weight	Starting at 3.28 lbs. (non-touch); 3.64 lbs. (touchscreen) 1.49 kg. (non-touch); 1.65 kg. (touchscreen)
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	41 - 95° F (5 - 35° C)
Operating relative humidity	20 - 80 %

Base Unit

Compliance with standards

North America	FCC Part 15B Class B and FCC Part 15C; FCC Part 15E; FCC Part 22/24/27; IC ICES-003 Class B and RSS-210; UL-cUL Listed; RF Human exposure Standard; ENERGY STAR® Qualified; EPEAT® Gold (depending on your configuration). Qualifies for treatment as U.S. Trade Agreements Act ("TAA") compliant finished product.
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR EPEAT Gold (dedicated regions)

Additional Software

Additional software (preinstalled)	McAfee® Multi Access Security (anti-virus and internet security software; 60 days trial version) Waves MaxxAudio (audio enhancer) PowerDVD Fujitsu Battery Utility Fujitsu Function Manager LIFEBOOK Application Panel
Additional software (optional)	Microsoft Office (buy license to activate the pre-installed Microsoft Office) Fujitsu Workplace Protect Recovery DVD for Windows®

Manageability

Manageability technology	PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN)
Supported standards	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model)

Security

System and BIOS Security	Absolute Persistence® technology capable BIOS Optional: Trusted Platform Module (TPM 2.0)
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)

Warranty

Standard Warranty	One Year Fujitsu International Limited Warranty, 24/7 technical support; Fujitsu extended service plans available
Warranty Terms & Conditions	http://www.fujitsu.com/us/support/

Recommended Accessories	USB Type-C Dock, Mechanical Port Replicator, Memory Expansion, M.2 SSD Storage, AC Adapter, 4-cell 50 Wh battery, Notebook Mouse, Kenneth Cole Reaction Expandable Backpack
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Fujitsu OPTIMIZATION Services

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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.

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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

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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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