

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU LIFEBOOK U748

### Notebook



### Ultra-Mobile Meets Ultra Secure

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The new LIFEBOOK U748, based on the 8th 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 1.49 kg (3.29 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.

#### Convenient upgradeability

Direct access to key components reduces upgrade time and costs

- Battery, memory and internal storage can be changed easily

#### 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

#### Elegant design and mobility

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

- A remarkably slim 19 mm ultra-mobile notebook starting from 1.49 kg, HD or FHD display, anti-glare, FHD touch panel option, aluminum/magnesium housing and optional backlit keyboard

#### 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

#### 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



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# Specification

<b>Processor family<sup>3</sup></b>	Intel® Core™ i7-8650U Processor (Quad Cores, 8M Cache, 1.9 GHz, up to 4.20 GHz, Intel vPro) Intel® Core™ i7-8550U Processor (Quad Cores, 8M Cache, 1.8 GHz, up to 4.00 GHz) Intel® Core™ i5-8350U Processor (Quad Cores, 6M Cache, 1.7 GHz, up to 3.60 GHz, Intel vPro) Intel® Core™ i5-8250U Processor (Quad Cores, 6M Cache, 1.6 GHz, up to 3.40 GHz) Intel® Core™ i5-7300U Processor (Dual Cores, 3M Cache, 2.6 GHz, up to 3.50 GHz, Intel vPro) Intel® Core™ i5-7200U Processor (Dual Cores, 3M Cache, 2.5 GHz, up to 3.10 GHz)
<b>Chipset</b>	Chipset is integrated with processor
<b>Operating system</b>	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. <sup>1</sup> Windows 10 Home <sup>1</sup>
<b>Maximum RAM capacity</b>	Up to 32 GB DDR4-2400 (8 <sup>th</sup> Gen Intel) Up to 32 GB DDR4-2133 (7 <sup>th</sup> Gen Intel)
<b>Memory slots</b>	2 DIMM (DDR4)
<b>Internal storage<sup>4</sup></b>	SSD SATA, 256 GB / 512 GB , M.2 SSD SATA, 256 GB / 512 GB / 1 TB, M.2, SED/OPAL2 SSD PCIe, 256 GB / 512 GB / 1 TB, M.2, SED/OPAL2
<b>Display</b>	35.6 cm (14-inch), LED backlight, (Full HD), Anti-glare display, touch, WVA, 1,920 x 1,080 pixel, 700:1, 300 cd/m <sup>2</sup> 35.6 cm (14-inch), LED backlight, (Full HD), Anti-glare display, WVA, 1,920 x 1,080 pixel, 700:1, 300 cd/m <sup>2</sup> 35.5 cm (14-inch), LED backlight, (HD), Anti-glare display, 1,366 x 768 pixel, 350:1, 220 cd/m <sup>2</sup>
<b>Graphics<sup>6</sup></b>	Intel® UHD Graphics 620 (8 <sup>th</sup> Gen Intel) Intel® HD Graphics 620 (7 <sup>th</sup> Gen Intel)
<b>LAN</b>	Intel® Ethernet Connection I219-LM
<b>WLAN (Optional)</b>	Intel® Dual Band Wireless-AC 8265 802.11ac/a/b/g/n (2x2) and Bluetooth® Combo
<b>WWAN (Optional)</b>	4G/LTE Sierra Wireless EM7455 (Cat.6)
<b>Camera (Optional)</b>	HD webcam w/LED
<b>Audio</b>	Realtek ALC255 HD Audio, Stereo Speakers
<b>Interfaces</b>	1 DC-in 1 combo audio/microphone 1 USB 3.1 Type-C™ (with power delivery functionality) 2 USB 3.1 Gen 1 (1 with Anytime USB Charge functionality) 1 DisplayPort 1 VGA 1 Ethernet RJ-45 (with status LED) 1 Port Replicator docking (port replicator must be purchased separately)
<b>Expansion slots</b>	1 SD (supports SD, SDHC, SDXC) 1 SIM (available when WWAN installed)
<b>Keyboard and pointing devices</b>	US Keyboard w/touch stick US Keyboard w/backlit, spill resistant Number of keyboard keys: 84, Keyboard pitch: 19 mm, Keyboard stroke: 1.7 mm Multi gesture touchpad with integrated mouse button functionality
<b>Security (Optional)</b>	Integrated Fingerprint reader Integrated Palm-vein sensor (PalmSecure™) Integrated SmartCard reader Trusted Platform Module (TPM 2.0) Pre-boot Authentication (BIOS) Fujitsu EraseDisk (BIOS) Fujitsu Workplace Protect (secure authentication solution) Fujitsu BIOS / Hard Disk password protection Security lock slot (lock must be purchased separately)
<b>Manageability</b>	Intel® AMT (depending on processor) Intel® vPro™ technology PXE 2.1 Boot code Wake-on-LAN Wake up from S5 (off mode)
<b>Additional Software</b>	Fujitsu Anytime USB Charge Utility Fujitsu Battery Utility Fujitsu Bonus Apps Fujitsu Function Manager Fujitsu Software AutoInstaller Fujitsu Workplace Protect Microsoft® Office 2016 Trial McAfee Multi Access 60 days Trial Sierra Wireless Skylight (only available on preconfigured devices with WWAN)
<b>AC Adapter</b>	19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) Stick Type
<b>Battery</b>	4-cell, 50 Wh; Up to 13 hrs 40 mins <sup>5</sup>
<b>Dimension (W x D x H)</b>	332.6 x 234 x 19 mm
<b>Weight</b>	Starting at 1.49 kg (Weight may vary depending on actual configuration)
<b>Warranty</b>	3 years warranty (depending on country); Warranty upgrades available, sold separately
<b>Environmental Compliance</b>	RoHS; WEEE; ENERGY STAR® 6.1; EPEAT® Gold (dedicated regions)

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# Recommended Accessories

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## Classic Port Replicator



Flexibility, expandability, desktop replacement and investment protection are just a few benefits of Fujitsu docking options. It takes just a second to attach your notebook to the Port Replicator and get connected to your external display, keyboard and mouse. Your workplace is simple and tidy while you are instantly ready to work with your notebook.

Compatible Models:  
LIFEBOOK U727, U747, U757, U728, U748, U758, E548, E558

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## Type-C Port Replicator



Flexibility, expandability, desktop replacement, investment protection  
3x USB 3.0, DisplayPort, VGA, HDMI, RJ-45

Compatible Models:  
LIFEBOOK T937, U727, U747, U757, P727, U937, U727, U747, U757, U728, U748, U758, T938, P728, U938, S938, E548, E558

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## AC Adapter LIFEBOOK



Power your notebook at work, at home or on the road with a second power source. You can easily recharge your notebook everywhere. Depending on your notebook you can choose from various AC Adapters ranging from a stick type adapter to standard adapters, or even the innovative ECO AC Adapter.

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## Fujitsu Prestige Top Case 15



The Prestige Top Case 15 protects notebooks with up to 15.6-inch screens. A padded top-loading notebook compartment made of shock-absorbing foam ensures additional protection. It's front pouch is ideal for storing of power adaptors, office supplies or personal items. It is the perfect business case in a practical design.

Part number: S26391-F1194-L50

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## Fujitsu Display P24-8 WS Pro



The FUJITSU P24-8 WS Pro display (24-inch, 16:10) provides outstanding picture performance thanks to cutting edge panel technology. It is the perfect choice for CAD and document management applications with request for 1,200 lines. It also boasts unique and innovative features such as our patent-applied Presence Sensor technology and USB support during standby.

- 1x DisplayPort Out (Daisy Chain)
- 1x DisplayPort 1.2
- 1x HDMI
- 1x DVI-D (HDCP)
- 4x USB 3.1 (Gen1) downstream
- 1x USB 3.1 (Gen1) upstream
- 3.5 mm stereo phone jack for head phone

Part number: S26361-K1595-V160

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# More information

## Fujitsu OPTIMIZATION solutions

In addition to Fujitsu Notebook LIFEBOOK U748, 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

To learn more about Fujitsu Notebook LIFEBOOK U748, please contact your Fujitsu sales representative, Fujitsu Business partner, or visit our website.

## 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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Note: For countries not listed above, please contact our Hong Kong office.

## Specification disclaimers

<sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates.

<sup>2</sup> WWAN module is optional and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors.

<sup>3</sup> vPro™ is not available on i7-8550U, i5-8250U, i5-7200U and i3.

<sup>4</sup> GB = 1 billion bytes. TB = 1 trillion 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.

<sup>5</sup> Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to [www.bapco.com](http://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.

<sup>6</sup> Shared memory depending on main memory size and operating system

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