

Fujitsu recommends Windows 11 Pro.

Data Sheet

Fujitsu Notebook LIFEBOOK U7312

Ultra-Mobile Meets Ultra Secure

The Fujitsu LIFEBOOK U7312 with its new slim and stylish ultra-mobile chassis, based on the 12th generation Intel® Core™ processor, is made for business professionals. With its 13.3-inch screen, light weight of 1.04 kg, Intel® Thunderbolt™ 4 ports, it provides excellent mobility and portability. Ergonomic viewing is guaranteed along with outstanding security.

Elegant design and enjoyable mobility
Manage your workday with premium notebooks providing ultimate convenience to maximize your productivity

- Thanks to the complete magnesium housing, the weight of the remarkably slim 18.9 mm ultra-mobile notebook starts at 1.04 kg.
- Enjoy the Intel® Iris® Xe Graphics with a FHD display.
- The outdoor-friendly anti-glare FHD touch panel comes with a narrow bezel design and complete magnesium warm silver housing.

Excellent security
Enhance your security with outstanding features to best protect your notebook and company data

- Integrated PalmSecure™ or fingerprint sensor
- Infrared Camera: Allows face recognition with Windows Hello
- Built-in Privacy Camera Shutter: Protecting your privacy
- SmartCard reader

Premium connectivity
Stay flexible and productive within a modern workplace environment

- Compact and versatile Intel® Thunderbolt™ 4 USB Type-C connector to charge your laptop, transfer files at fast speeds, connect external monitors and other peripherals
- Full set of interfaces with full-size LAN connector and HDMI

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

- Family port replicator for the whole LIFEBOOK E5 and U7 Series ensures ultimate flexibility and shared workplace concepts
- Shared components such as the USB Type-C port replicator, USB Type-C AC Adapter, BIOS and Bit Image across the ultra-mobile LIFEBOOK U7 family



Components

| | |
|---|---|
| Base unit | LIFEBOOK U7312 |
| Operating systems | |
| Operating system pre-installed | Windows 11 Pro. Fujitsu recommends Windows 11 Pro for business. Windows 11 Home Windows 10 Pro. Fujitsu recommends Windows 11 Pro for business. |
| Microsoft OS support information | After the end of the product life Fujitsu will continue to test and support all upcoming Windows releases for a period of maximum 5 years, depending on the available extension of hardware services through Fujitsu Warranty top ups. For details please see "Fujitsu Service Statement for Windows General Availability Channel" at https://support.ts.fujitsu.com/IndexProdSupport.asp?lng=com&OpenTab= |
| Operating system notes | The use of Windows Operating System is subject to acceptance of the End User License Agreement of Microsoft as applicable under the relevant Microsoft program. |
| Processor | |
| | Intel® Core™ i7-1270P processor (12C, up to 4.8 GHz) |
| | Intel® Core™ i7-1255U processor (10C, up to 4.7 GHz) * |
| | Intel® Core™ i5-1250P processor (12C, up to 4.4 GHz) |
| | Intel® Core™ i5-1245U processor (10C, up to 4.4 GHz) |
| | Intel® Core™ i5-1240P processor (12C, up to 4.4 GHz) * |
| | Intel® Core™ i5-1235U processor (10C, up to 4.4 GHz) * |
| | Intel® Core™ i3-1215U processor (up to 4.4 GHz) * |
| | *Processor only for retail, SMB, education and government |
| Memory modules | |
| | 4 GB (1 module(s) 4 GB) DDR4, 3,200 MT/s, SO DIMM |
| | 8 GB (1 module(s) 8 GB) DDR4, 3,200 MT/s, SO DIMM |
| | 16 GB (1 module(s) 16 GB) DDR4, 3,200 MT/s, SO DIMM |
| | 32 GB (1 module(s) 32 GB) DDR4, 3,200 MT/s, SO DIMM |
| Hard disk drives (internal) | |
| | PCIe-SSD, 512 GB M.2 NVMe module, SED |
| | PCIe-SSD, 256 GB M.2 NVMe module, SED |
| | PCIe-SSD, 2 TB M.2 NVMe module, SED |
| | PCIe-SSD, 1 TB M.2 NVMe module, SED |
| Hard disk notes | Accessible capacity may vary, also depending on used software. |
| Interface add on cards/components (optional) | |
| Display | |
| | 33.8 cm (13.3-inch), IPS, FHD, 1920 x 1080 pixel, Anti-glare multi-touch, 300 cd/m ² (Touch), 800:1 (Touch) |
| | 33.8 cm (13.3-inch), HD, 1366 x 768 pixel, Anti-glare display, 250 cd/m ² (HD), 500:1 (HD) |
| | 33.8 cm (13.3-inch), FHD, 1920 x 1080 pixel, Anti-glare IPS display, 400 cd/m ² (FHD), 1000:1 (FHD) |
| | 33.8 cm (13.3-inch), FHD, 1920 x 1080 pixel, Anti-glare IPS display, 300 cd/m ² (FHD), 700:1 (FHD) |
| | 33.8 cm (13.3-inch), FHD, 1920 x 1080 pixel, Anti-glare ePrivacyFilter, 400 cd/m ² (ePF), 1000:1 (ePF) |
| Multimedia | |
| Camera | Built-in webcam (HD) with Status LED Built-in Infrared webcam (HD) with Status LED |
| Camera notes | 720p, 1 megapixels, 1280 x 720, with Privacy Camera Shutter |
| Microphone | dual digital array microphone |

Base unit

| | |
|-----------|----------------|
| Base unit | LIFEBOOK U7312 |
|-----------|----------------|

General system information

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|-------------------------------|--|
| Chipset | Integrated |
| Supported capacity RAM (min.) | 4 GB |
| Supported capacity RAM (max.) | 64 GB |
| Memory slots | 2 SO DIMM (DDR4, 3200 MHz) |
| Memory notes | Dual channel support |
| LAN | 10/100/1,000 MBit/s Intel® I219LM |
| Integrated WLAN | Intel WiFi 6E AX211 - WLAN, BT, SRD cat. 2 |
| BIOS version | UEFI Specification 2.8 |
| BIOS features | InsydeH2O BIOS |
| Audio type | On board |
| Audio codec | Realtek ALC257 |
| Audio features | 2x built-in speakers (2 W each), Stereo audio |
| MIL-STD tested | Yes, selected MIL-STD-810H tests passed. MIL-STD-810H test results are not a guarantee of future performance under identified test conditions. Accidental damage is not covered under standard international limited warranty. |
| Color | Warm Silver |
| Material | Magnesium |

Graphics

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|---------------------|---|
| Base unit | LIFEBOOK U7312 |
| Graphics brand name | Intel® UHD Graphics (with Single channel memory), Intel® Iris® Xe Graphics (with Dual channel memory) |
| Graphics notes | Shared memory depending on main memory size and operating system |

Interfaces

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|---------------------------------------|--|
| Audio: line-in / line-out | 1 |
| Internal microphones | 2x digital array microphones (optional) |
| USB 3.2 Gen1 (5 Gbps) total | 3x Type-A (1 with Anytime USB charge functionality) |
| USB 4.0 Gen3 (20 Gbps) total | 2x Type-C Intel® Thunderbolt™ 4 (40 Gbps), Power Delivery (15W), DP out |
| HDMI | 1 - Supports 4k@60Hz as specified in HDMI 2.0b |
| Ethernet (RJ-45) | 1 (with status LED) |
| Memory card slots | 1 microSD 3.0 Standard microSD card microSDHC card microSDXC card Speed Class: up to UHS-I |
| SmartCard slot | 1 (optional) |
| Docking connector for Port Replicator | 1 - PR Model: NPR50 |
| Kensington Lock support | 1 - Recommendation: Kensington's Micro Security Saver |

Port Replicator interfaces (optional)

| | USB Type-C PR | Thunderbolt™ 4 PR | Mechanical PR Model: NPR50 |
|-----------------------------|--------------------------------|--------------------------------|-------------------------------|
| DC-in | 1 (19V/90W required) | 1 (20V/170W required) | 1 (19V/90W required) |
| Power on switch | 1 | 1 | 1 |
| Audio: line-in / line-out | --- | --- | 1 |
| Audio: comments | 1 Combo jack for headset usage | 1 Combo jack for headset usage | Combo-Port |
| USB 3.2 Gen1 (5 Gbps) total | --- | --- | 4x Type-A 2x Type-C |
| DisplayPort | 1x V1.2 | 2x V1.4++ | 2 (up to 2x 3840x2160 60Hz) |
| VGA | 1 | --- | 1 (up to 1920x1200 6Hz) |
| HDMI text | 1 | V2.0b | 1 (up to 4096x2160 60Hz) |

Port Replicator interfaces (optional)

| | | | |
|-------------------------|---|---|--|
| Interface Notes | 3x Type-A - 5V/0.9A, 4.5W 1x Type-C - 15W 1x Type-C - Up to 60 W (PD v2.0-1.1) power output to client or 4.5W input | 2x Type-A - 5V/0.9A, 4.5W 1x Type-A - 5V/2.4A, 12W 2x Type-C - 5V, 1.5A/4.5W charging port 1x Type-C - TBT4 up to 60 W (PD v2.0- 1.1), 5-20V/3.0A upstream (PC), Intel AMT support (vPRO) 1x Type-C - TBT4 up to 15 W (PD v2.0-1.1), 5V/3.0A downstream, power output to client | The shown up to resolutions are maximum values each port and will be different depending on Multi- Display combinations. |
| Kensington Lock support | no | 1 | 1 (lock Portrep only) |
| Ethernet (RJ-45) | 1 | 1 (10/100/1000 Mbit/s, 2.5 Gbps) | 1 |
| Notes | Number of simultaneous used displays and its possible resolutions and frequencies depend on mobile system and display interface type. Please consult always also the manual of the connected client. | | 1 RJ45 (10/100/1000) |

Keyboard and pointing devices

Spill-resistant keyboard with number block, Available with standard keyboard or backlit keyboard
Number of keyboard keys: 106, Keyboard pitch: 18.4 mm, Keyboard stroke: 1.7 mm
Multi gesture touchpad with two mouse buttons

Wireless technologies

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|-----------------|---|
| Antennas | 2 Dual band WLAN antennas |
| Bluetooth | v5.2 |
| Integrated WLAN | Intel WiFi 6E AX211 - WLAN, BT, SRD cat 2 |
| WLAN encryption | WPA/WPA2/WPA3 (Wi-Fi Protected Access) |
| WLAN notes | WiFi 6E is supported by Windows 11 OS only - Windows 10 OS supports WiFi 6 only. #Import and usage according to country-specific regulations. |

Power supply

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|---------------------|---|
| AC Adapter | 20 V /65 W (325 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) Type-C AC-Adapter slim&light |
| AC Adapter | 20 V /65 W (325 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) Type-C AC-Adapter standard |
| 1st battery | Lithium polymer battery 4-cell, 65 Wh, 4,280 mAh |
| Battery features | Quick Charge: 80% in 1h |
| Runtime 1st battery | tbc |

Noise emission

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|----------------|-------------------------------------|
| Noise emission | Please refer to the Eco Declaration |
|----------------|-------------------------------------|

Dimensions /Weight /Environmental

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|-------------------------------|---|
| Dimensions (W x D x H) | 308 x 199.5 x 18.9 mm 12.13 x 7.85 x 0.74 inch |
| Weight | starting from 1.04 kg |
| Weight (lbs) | starting from 2.29 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

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|---------|------------------|
| Product | LIFEBOOK U7312 |
| Model | 7U13A3 |
| Germany | GS (planned) |
| Europe | C E C B |

Compliance

| | |
|-----------------|---|
| USA/Canada | FCC (depending on configuration) (planned) |
| Global | TCO Certified 9.0 |
| Russia | EAC in progress |
| China | CCC (planned) |
| Compliance link | https://sp.ts.fujitsu.com/sites/certificates |

Additional Software

| | |
|------------------------------------|---|
| Additional software (preinstalled) | 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 (notes) | Use of additional software is subject to proactive acceptance of the respective End User License Agreement as applicable for the relevant software whether preinstalled or optional. This also applies for any available patches thereof. |

Manageability

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|--------------------------|--|
| Manageability technology | Intel® vPro™ technology/iAMT (depending on processor) PXE Boot code Wake-on-LAN |
| Manageability software | DeskView Client DeskView Instant BIOS 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

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|--------------------------|--|
| Physical Security | Kensington Lock support |
| System and BIOS Security | User and supervisor BIOS password EraseDisk |
| User Security | Access protection via internal SmartCard reader (optional) Embedded fingerprint sensor (optional) Embedded PalmSecure® sensor (optional) Hard disk password |
| Security Notes | The security features included in the product alone cannot protect from any and all intrusion attempts and cyberattacks. For an adequate overall level of IT security, further IT security measures (e.g. supplementary virus scanner settings, firewall, access rights management, encryption etc.) must be adopted independently of the available system configuration options. Hence the overall IT security for the product is within the sole responsibility of the respective user/administrator of the product. |

Warranty

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|-----------------------------|--|
| Warranty period | 3 years Next Business Day |
| Warranty type | Onsite Service within metro areas |
| Warranty Terms & Conditions | Warranty Information - Client Computing Devices : Fujitsu Australia |
| Digital bug fixes | Subject to availability and following their generic release for the product, bug fixes and function-preserving patches for product-related software (firmware) can be downloaded from the technical support at: https://support.ts.fujitsu.com/ free of charge by entering the respective product serial number. For application software supplied together with the product, please directly refer to the support websites of the respective software manufacturer. |

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://www.fujitsu.com/emeia/products/product-support-services/ |

Recommended Accessories

Thunderbolt™ 4 Port Replicator



First Thunderbolt™ Port Replicator on the market providing enhanced security and full support of Intel® AMT (vPro®). The universal port can easily connect almost everything with a single cable and high speed-data transfer. This smart workspace solution keeps your desk clean and tidy.

Port Replicator for LIFEBOOK U7x12, E5x12, U7411 and U7511



Flexibility, expandability, desktop replacement, investment protection - to name just a few benefits of Fujitsu's docking options.

USB Type-C Port Replicator 2



Connect to your peripherals. Adapt to the task on demand. The universal USB Type-C interface supports you to get your peripheral devices connected easily. Multiply your USB ports to connect your peripherals as well as your external display via HDMI, DisplayPort or VGA. You also can charge your external USB devices without the need of any additional charger.

Battery 4 cell 65 Wh



The 4 cell 65 Wh battery has a the recharge time of the cell is 60 minutes for a 80% charge.

More information

Fujitsu products, solutions & services

In addition to Fujitsu Notebook LIFEBOOK U7312, 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

<https://www.fujitsu.com/au/support/client-computing-devices/notebooks/>

More information

Learn more about Fujitsu Notebook LIFEBOOK U7312, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <https://www.fujitsu.com/au/products/computing/pc/notebooks/>

Fujitsu green policy

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 [Sustainable Manufacturing - Fujitsu Uvance : Fujitsu Australia](#)



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Disclaimer

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CONTACT

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[Fujitsu Product Portfolio Website](#)

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