Fujitsu recommends Windows 8 Pro.

Data Sheet
Fujitsu LIFEBOOK S781 Notebook

Your Reliable Companion for Flexible Working

If you need a solid and reliable notebook for everyday business use, choose the Fujitsu LIFEBOOK S781. The 35.6 cm (14-inch) display and useful interfaces offer you enhanced convenience in the office. The modular bay for a second battery or hard disk drive to extend battery runtime or storage provides you with increased flexibility. Moreover, the solid magnesium display lid gives you enhanced stability.

Performance of a desktop in a notebook
Effective working even for the most demanding of users in all situations.
- 35.6 cm (14-inch) HD display with LED backlight, modular bay for an optional second hard disk drive, a second battery, DVD Super Multi, Blu-ray Disc™ Triple Writer or optical drive

Maximum connectivity
Be available wherever you are; wireless connectivity anytime anywhere, even if there is no hotspot nearby.
- Integrated DisplayPort, eSATA, USB 3.0, optional embedded 3G/UMTS, WLAN and Bluetooth®

Maximum security
Protect your company data against unauthorized third-party access.
- Advanced Theft Protection (Intel® Anti Theft & Computrace®), integrated SmartCard slot, optional fingerprint sensor, TPM module and OmniPass Security Software

Reliable companion
Secure and effective working even for the most demanding of users in all situations.
- High quality and lightweight magnesium lid, ShockSensor, optional anti-bacterial keyboard, optional 0-Watt AC Adapter guarantees that the notebook does not consume electricity when switched off and Anytime USB Charge to charge telephone and media devices when the notebook is switched off.

Great flexibility
The family concept offers same design and accessory components for LIFEBOOK E751 and E781 as well as for LIFEBOOK S751 and S781.
- Same industrial design, bit image, BIOS and accessories such as port replicator, power supply unit, keyboard and modular bay for optical drive, second battery and second hard disk drive
Components

Processor
- Intel® Core™ i7-2640M processor (2.8 GHz, 4 MB)
- Intel® Core™ i5-2540M processor (2.60 GHz, 3 MB)
- Intel® Core™ i5-2450M processor (2.5 GHz, 3 MB)*
- Intel® Core™ i3-2350M processor (2.3 GHz, 3 MB)*
- Intel® Core™ i5-2520M processor (2.50 GHz, 3 MB)

*Processor only for retail, SMB, education and government

Intel® Core™ vPro™ Processor - Best Platform for Businesses of all sizes

Operating systems

- Operating system
  - Windows® 7 Professional 64-bit
  - Windows® 7 Home Premium 64-bit
  - Windows® 7 Home Basic (EM) 64-bit

- Operating system compatible
  - Windows® XP Professional
  - Windows Vista® Business 32-bit

- Operating system notes
  - Driver support for Microsoft® Windows® XP

Memory modules
- 2 GB (1 module(s) 2 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
- 4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM

Base unit memory
- LIFEBOOK S781 14.0-inch vPro

Supported capacity RAM (max.)
- 8 GB

Memory slots total
- 2

Memory slot type
- DIMM (DDR3)

Memory notes
- DDR3 - 1333 MHz

Hard disk drives (internal)
- SSD SATA III, 128 GB, 2.5-inch
- SSD SATA, 128 GB, 2.5-inch
- SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.
- SATA, 7200 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
- SATA, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
- SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T. (Windows® XP optimized)
- SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
- SATA, 5400 rpm, 250 GB, 2.5-inch, S.M.A.R.T.
- FDE, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.

Hard disk notes
- ShockSensor for HDD shock protection
- One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software.
- Up to 18 GB of HDD space is reserved for system recovery
- Internal HDD interface: S-ATA III (6GBit/s)

WLAN (optional)
- Atheros Minicard b/g/n
- Intel® Centrino® 6205 802.11 a/b/g/n

Wireless technologies

- Antennas
  - 2 dual band antennas; 1 Bluetooth antenna optional, 2 UMTS antennas optional

- Bluetooth
  - Optional: Bluetooth

- WLAN notes
  - Import and usage according to country-specific regulations.

3G/4G (optional)
- Sierra Wireless Gobi 3000 (Downlink speed 14.4 Mbit/s, Uplink speed 5.76 Mbit/s)

Bluetooth (optional)
- Bluetooth 3.0

Display
- 35.6 cm (14-inch), LED backlight, (HD+), Anti-glare display, magnesium, 1600 x 900 pixel, 300.1, 220 cd/m
- 35.6 cm (14-inch), LED backlight, (HD), Anti-glare display, magnesium, 1366 x 768 pixel, 300.1, 220 cd/m
## Modular bay options
- 2nd battery
- 2nd hard disk drive (S-ATA II)
- Blu-ray Disc™ Triple Writer
- DVD Super Multi
- Weight saver

## Base unit
- LIFEBOOK S781 14.0-inch vPro

## General system information

### Chipset
Intel® QM67

### Chipset notes
- supports iAMT 7.0, Intel® vPro™ requires Core i5-25xx / i7 processor, Intel W-LAN 6205 & TPM module

### BIOS features
- BIOS based on Phoenix TrustedCore Notebook

## Graphics

### TFT resolution (DisplayPort)
Up to 2560 x 1600

### TFT resolution (VGA)
Up to 1920 x 1200

### TFT resolution (DVI on Port Replicator)
Up to 1920 x 1200

### Graphics brand name
Intel® HD Graphics or HD Graphics 3000 (depending on CPU)

### Graphics features
- DualView

### Graphics notes
- Shared memory depending on main memory size and operating system

## Interfaces

### Memory card slots
1 (SD, SDHC, SDXC up to 64GB, MS, MSPro)

### ExpressCard slots
1 (34 / 54 mm supported)

### SmartCard slot
1

### SIM card slot
1 ( usable only with 3G/UMTS)

### Modem (RJ-11)
1 (optional)

### eSATA & USB combo
1

### USB 3.0 total
1

### USB 2.0 total
3 (1x with Anytime USB Charge functionality)

### VGA
1

### DisplayPort
1

### Ethernet (RJ-45)
1

### DC-in
1

### Audio: line-in / microphone
1

### Audio: line-out / headphone
1

### Internal microphones
optional

### Docking connector for Port Replicator
1

### Kensington Lock support
1

## Wired communication

### Modem type
Optional: 56 K V.92 modem

### LAN
Built-in 10/100/1000 MBit/s Intel® 82579 LM

## Keyboard and pointing devices
- Spill-resistant keyboard
- Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm
- EcoButton
- LockWorkstation button
- MobilityCenter Button
- Optional: TouchStick
- Touchpad with two mouse buttons and optional scroll button or fingerprint, supporting gesture functions
- Application buttons
- Status LED

## Multimedia

### Audio type
On board
Fujitsu recommends Windows 8 Pro.

**Multimedia**
- **Audio codec**: Realtek ALC269
- **Audio features**: Stereo speakers
- **Camera**: Optional: Built-in webcam, 2.0 megapixel

**Power supply**
- **AC Adapter**
  - 19 V / 80 W (4.22 A), 100 V - 240 V (AC Input), 50 Hz - 60 Hz, 0-Watt AC Adapter technology
  - 19 V / 80 W (4.22 A), 100 V - 240 V (AC Input), 50 Hz - 60 Hz, Standard Adapter
  - 19 V / 120 W (6.32 A), 110 V - 240 V (AC Input), 50 Hz - 60 Hz, 3-pin (grounded) AC-Adapter

- **AC adapter**: 19 V / 80 W (4.22 A)

- **1st battery options**
  - Li-Ion battery 6-cell, 5600 or 5800 mAh, 63 Wh
  - Li-Ion battery 6-cell, 6200 mAh, 67 Wh

- **2nd battery (optional)**
  - Li-Ion battery 6-cell, 3.800 mAh, 41 Wh

**Benchmark**
- Mobile Mark 2007 (readers mode – e.g. surfing the internet, writing E-mails, viewing documents)

**Runtime**
- **1st battery**
  - up to 10 h
- **1st + 2nd battery**
  - up to 17 h

**Battery charging time**
- ~160min (5,800mAh) ~ 180min (6,200mAh)

**Battery notes**
- Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
- Battery runtime information is based on worldwide acknowledged BAPCO Mobile Mark 2007 Benchmark (readers mode e.g. surfing the internet, writing E-mails, viewing documents) which 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 slightly decreases with every charging cycle and over the lifetime.

**Power consumption**
- **Power consumption note**
  - See white paper Energy Consumption
- **Link to Energy White Paper**
  - http://docs.ts.fujitsu.com/dl.aspx?id=447f90e9-a92d-4053-bd7e-d01b7b59b8be

**Dimensions / Weight / Environmental**
- **Dimensions (W x D x H)**: 340 x 245 x 35 mm
- **Weight**: 2.15 kg

**Weight notes**
- Incl. weight saver. Weight may vary depending on actual configuration.

- **Operating ambient temperature**: 5 - 35°C
- **Operating relative humidity**: 20 - 80 %

**Additional Software**
- **Additional software (preinstalled)**
  - Adobe® Reader®
  - Application Panel
  - Display Manager
  - ShockSensor Utility
  - Power Saving Utility
  - Plugfree Network
  - EasyGuide online user documentation
  - Nero Essentials S (burning software)
  - Norton Internet Security (incl. Firewall) 60 days version
  - Fujitsu Recovery (Hard Disk Based Recovery)
  - Don’t forget Office.

- **Additional software (optional)**
  - Drivers & Utilities DVD (DUDVD)
  - UMTS connection manager (optional with UMTS)

**Manageability**
- **Manageability technology**
  - DeskUpdate Driver management
  - iAMT 7.0
  - Intel® vPro™ technology

- **Manageability software**
  - DeskView 10.x client management including:
### Manageability

**DeskView components**
- BIOS Management
- DeskView Helpdesk Integration
- Detailed system inventory management and reports
- On/Offline remote client management
- Remote power management
- Security Remote Control
- System notifications
- WoL (Wake on LAN)

**Supported standards**
- WMI
- PXE
- BootP (made4you)

**Manageability link**

### Security

**System protection**
- Kensington Lock support

**Audit proof protection**
- Advanced Theft Protection (Intel® Anti Theft & Computrace®)
- Optional: Trusted platform module (TPM 1.2)
- Norton Internet Security (incl. Freeware) 60 days version

**Access protection**
- Hard disk password
- Integrated SmartCard slot
- User and supervisor BIOS password
- Optional: Integrated fingerprint sensor including OmniPass software

### Compliance

**Germany**
- GS

**Europe**
- CE
- CB
- Nordic Swan

**Global**
- RoHS (Restriction of hazardous substances)
- WEEE (Waste electrical and electronic equipment)
- Microsoft Operating Systems (HCT / HCL entry / WHQL)
- WiFi certified
- ENERGY STAR® 5.0
- EPEAT® Gold (dedicated regions)

**Russia**
- GOST (WLAN)

**Compliance link**
[https://sp.ts.fujitsu.com/sites/certificates/](https://sp.ts.fujitsu.com/sites/certificates/)

### Port Replicator interfaces (optional)

- **DC-in**
  - 1 (19V)
- **Power on switch**
  - 1
- **Audio: headphone**
  - 1
- **Audio: microphone**
  - 1
- **USB 2.0 total**
  - 4
- **DisplayPort**
  - 1 (up to 2560 x 1600)
- **VGA**
  - 1
- **DVI**
  - 1 (up to 1920 x 1200)
- **Serial (RS-232)**
  - 1
- **Ethernet (RJ-45)**
  - 1 (10/100/1000)
- **Parallel**
  - 1
- **Kensington Lock support**
  - 1
- **eSATA**
  - 1

**Notes**
Port replicator does not support 0-Watt technology

### Warranty

**Standard Warranty**
- 2 years

**Service level**
- Collect & Return Service / Bring-in Service (depending on country specific requirements)
Fujitsu recommends Windows 8 Pro.

Warranty

Maintenance and Support Services - the perfect extension

<table>
<thead>
<tr>
<th>Recommended Service</th>
<th>5x9, Response Time: Next Business Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spare Parts availability</td>
<td>5 years</td>
</tr>
<tr>
<td>Service Weblink</td>
<td><a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a></td>
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Recommended Accessories

| Port Replicator | Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu docking options. In the office or at home it takes just a second to attach your notebook to the Port Replicator and get connected to your external display, keyboard and mouse, for example. Your workplace is simple and tidy while you are ready to work with your notebook. |
| Order Code: | S26391-F987-L100 |

| LIFEBOOK bundle (Port rep|AC Adapter|EU-Cable Kit) | The combination of our Port Replicator and AC adapter is the perfect docking solutions for the LIFEBOOK Series and CELSIUS Mobile workstation - our professional notebooks - to simplify your mobile life. In the office or at home it takes just a second to attach your notebook to the Port Replicator and get connected to your peripherals. |
| Order Code: | S26391-F987-L110 |

| Second Battery for Modular Bay | Modern business demands that busy professionals be ready to meet customers, make presentations, and work wherever is necessary to get the job done. With a Second Battery for your Fujitsu LIFEBOOK you will be more flexible than ever. Installation is effortless. Just slide the Second Battery into your Fujitsu LIFEBOOK’s modular bay. |
| Order Code: | S26391-F777-L200 |

| 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 |

| Notebook Laser Mouse WI600 Micro-Receiver | The Notebook Mouse WI600 uses the latest wireless 2.4 GHz technology, and an ultra-high resolution 1600 dpi laser sensor to give you the precision and reliability you need. Sporting a stylish silver-black finish, the WI600 wireless mouse is well suited to all environments and each user whether right or left handed. |
| Order Code: | S26381-K429-L100 |
Fujitsu recommends Windows 8 Pro.

More information

Fujitsu OPTIMIZATION Services
In addition to Fujitsu LIFEBOOK S781, 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/services/computing/

Software
www.fujitsu.com/software/

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/

More information
Learn more about Fujitsu LIFEBOOK S781, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/mobile

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