Fujitsu recommends Windows® 7.

Data Sheet
Fujitsu  LIFEBOOK E754

Uncompromising Elegant Design and Functionality

As a member of the FUJITSU Notebook LIFEBOOK E7 Series, the LIFEBOOK E754 is the right choice if you need a stylish notebook with high value features to support you in your daily work. With its 39.6 cm (15.6-inch) display, light weight of only 1.9 kg (4.2 lbs), extensive set of interfaces and high-end security features this modular notebook offers you full convenience and flexibility.

Family Concept
Reduce your acquisition cost as well as the complexity of your IT equipment.
- Shared components such as AC Adapter, modular bay elements, port replicator, keyboard layout and shared mainboard with same drivers, BIOS, bit image with LIFEBOOK E734 and LIFEBOOK E744. Port replicator even shared across 8 devices in LIFEBOOK notebook, 2 in 1 tablet and mobile workstation.

High-End Design
Outstanding mobility, ease of use and sleek looks for highest business demands.
- Especially slim from 20 mm (0.78-inch), weight starting from only 1.9 kg (4.2 lbs), 39.6 cm (15.6-inch) display, attractive red elements, high-value material with magnesium lid and strong metal hinges

Premium Features
Maximize your productivity with premium notebooks providing ultimate convenience and best feature set for business users.
- Optional backlit keyboard, large touchpad and modular bay for 2nd battery, 2nd HDD, bay projector or DVD Super Multi for convenient and flexible working
- Integrated SmartCard reader, optional Full Disk Encryption (FDE) and fingerprint sensor for absolute protection of company data
- Full set of interfaces with HDMI, optional embedded 4G/LTE, WLAN and Bluetooth and Full HD webcam with status LED for maximum connectivity
## Components

### Base unit
- **LIFEBOOK E754 15.6-inch HM86**
- **LIFEBOOK E754 15.6-inch QM87**

### Operating systems
- **Operating system**
  - Windows 8.1 Pro 64-bit
  - Windows 8.1 64-bit
  - Windows 7 Professional 64-bit
  - Windows 8.1 Pro 64-bit
  - Windows 8.1 64-bit
  - Windows 7 Professional 64-bit

- **Operating system compatible**
  - Windows 10 Pro (license + recovery media only)
  - Windows 8 64-bit
  - Windows 8 32-bit
  - Windows 7 Professional 32-bit
  - Windows 10 Pro (license + recovery media only)
  - Windows 8 64-bit
  - Windows 8 32-bit
  - Windows 7 Professional 32-bit

### Operating system notes
- Certified for SUSE Enterprise Desktop
- Certified for SUSE Enterprise Desktop

### Processor
- Intel® Core™ i7-4712MQ processor (2.3 GHz, up to 3.3 GHz, 6 MB) *
- Intel® Core™ i5-4210M processor (2.6 GHz, up to 3.2 GHz, 3 MB) *
- Intel® Core™ i3-4100M processor (2.5 GHz, 3 MB) *
- Intel® Core™ i3-4000M processor (2.4 GHz, 3 MB) *
- Intel® Core™ i7-4610M processor (3.0 GHz, up to 3.7 GHz, 4 MB)
- Intel® Core™ i5-4310M processor (2.7 GHz, up to 3.4 GHz, 3 MB)
- Intel® Core™ i5-4300M processor (2.6 GHz, up to 3.3 GHz, 3 MB)

*Processor only for retail, SMB, education and government
Intel® Core™ i7 QC processors only available for Intel® QM87 Chipset; Intel® Core™ i3 processors only for Intel® HM86
Intel® Core™ vPro™ Processor - Best Platform for Businesses of all sizes
Intel® Core™ Processor with Intel® Small Business Advantage - Smart Platform for Unmanaged Small Business

### Memory modules
- 2 GB (1 module(s) 2 GB) DDR3 L, 1,600 MHz, PC3-12800, SO DIMM
- 4 GB (1 module(s) 4 GB) DDR3 L, 1,600 MHz, PC3-12800, SO DIMM
- 8 GB (1 module(s) 8 GB) DDR3 L, 1,600 MHz, PC3-12800, SO DIMM

### Hard disk drives (internal)
- SSHD, 500 GB / 8 GB SSD Cache, 2.5-inch, S.M.A.R.T.
- SSD SATA III FDE, 256 GB, 2.5-inch
- SSD SATA III, 512 GB, 2.5-inch
- SSD SATA III, 256 GB, 2.5-inch
- SSD SATA III, 128 GB, 2.5-inch
- SATA, 7,200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.
- SATA, 5,400 rpm, 500 GB, 2.5-inch, S.M.A.R.T.
- SATA, 5,400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.

### 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 (6GBit/s)

### Modular bay options
- 2nd battery
- Blu-ray Disc™ Triple Writer
- DVD Super Multi
- Weight saver

### Interface add on cards/components (optional)

#### 3G/4G (optional)
- Sierra Wireless EM8805 (Downlink speed 42 Mbit/s, Uplink speed 5.76 Mbit/s)
- LTE Sierra Wireless EM7305 (cat3) (Downlink speed up to 100 Mbit/s, Uplink speed up to 50 Mbit/s)

#### WLAN (optional)
- Intel® Wireless-N 7260 2x2 b/g/n with integrated Bluetooth 4.0
- Intel® Dual Band Wireless-N 7260 a/b/g/n with integrated Bluetooth
- Intel® Dual Band Wireless-N 7260 2x2 a/c with integrated Bluetooth 4.0

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Fujitsu recommends Windows® 7.
**Base unit**

<table>
<thead>
<tr>
<th>Base unit</th>
<th>LIFEBOOK E754 15.6-inch HM86</th>
<th>LIFEBOOK E754 15.6-inch QM87</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General system information</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chipset</td>
<td>Intel® HM86</td>
<td>Intel® QM87</td>
</tr>
<tr>
<td>Chipset notes</td>
<td>-</td>
<td>Supports iAMT 9.0</td>
</tr>
<tr>
<td>Supports vPro™ requires Core i5-43xx &amp; i7-46xx CPU, Intel WLAN 7260 a/b/g/n, TPM module</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supported capacity RAM (max.)</td>
<td>16 GB</td>
<td>16 GB</td>
</tr>
<tr>
<td>Memory slots</td>
<td>2 DIMM (DDR3L)</td>
<td>2 DIMM (DDR3L)</td>
</tr>
<tr>
<td>Memory notes</td>
<td>DDR3L - 1,600 MHz</td>
<td>DDR3L - 1,600 MHz</td>
</tr>
<tr>
<td>LAN</td>
<td>Built-in 10/100/1,000 MBits/Intel® I217LV</td>
<td>Built-in 10/100/1,000 MBits/Intel® I217LM</td>
</tr>
<tr>
<td>BIOS features</td>
<td>BIOS based on Phoenix SecureCore</td>
<td>BIOS based on Phoenix SecureCore</td>
</tr>
<tr>
<td>Audio type</td>
<td>On board</td>
<td>On board</td>
</tr>
<tr>
<td>Audio codec</td>
<td>Realtek ALC3233</td>
<td>Realtek ALC3233</td>
</tr>
<tr>
<td>Audio features</td>
<td>Stereo speakers</td>
<td>Stereo speakers</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>ISO 9241-307 - Pixel class II</td>
<td>ISO 9241-307 - Pixel class II</td>
</tr>
<tr>
<td>HD: Viewing angle: L/R 40°, T 10°, B 30°, response time: 16ms; Color Gammut: 45%</td>
<td>HD: Viewing angle: L/R 40°, T 10°, B 30°, response time: 16ms; Color Gammut: 45%</td>
<td></td>
</tr>
<tr>
<td>FHD IPS: Viewing angle: L/R/T/B: 85°; Color Gammut: 60%</td>
<td>FHD IPS: Viewing angle: L/R/T/B: 85°; Color Gammut: 60%</td>
<td></td>
</tr>
<tr>
<td><strong>Graphics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base unit</td>
<td>LIFEBOOK E754 15.6-inch HM86</td>
<td>LIFEBOOK E754 15.6-inch QM87</td>
</tr>
<tr>
<td>TFT resolution (DisplayPort)</td>
<td>up to 2,560 x 1,600</td>
<td>up to 2,560 x 1,600</td>
</tr>
<tr>
<td>TFT resolution (VGA)</td>
<td>up to 1,920 x 1,200</td>
<td>up to 1,920 x 1,200</td>
</tr>
<tr>
<td>TFT resolution (DVI on Port Replicator)</td>
<td>up to 1,920 x 1,200</td>
<td>up to 1,920 x 1,200</td>
</tr>
<tr>
<td>Graphics brand name</td>
<td>Intel® HD Graphics 4600</td>
<td>Intel® HD Graphics 4600</td>
</tr>
<tr>
<td>Graphics features</td>
<td>3 Display Support (2 external, 1 internal)</td>
<td>3 Display Support (2 external, 1 internal)</td>
</tr>
<tr>
<td>Graphics notes</td>
<td>Shared memory depending on main memory size and operating system</td>
<td>Shared memory depending on main memory size and operating system</td>
</tr>
<tr>
<td><strong>Interfaces</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DC-in</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Audio: line-out / headphone</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Audio: line-in / microphone</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Internal microphones</td>
<td>2x digital microphones (array)</td>
<td></td>
</tr>
<tr>
<td>USB 2.0 total</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>USB 3.0 total</td>
<td>3 (1 with Anytime USB Charge functionality)</td>
<td>3 (1 with Anytime USB Charge functionality)</td>
</tr>
<tr>
<td>VGA</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>DisplayPort</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>HDMI</td>
<td>1 shared with DP</td>
<td></td>
</tr>
<tr>
<td>Ethernet (RJ-45)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Memory card slots</td>
<td>1 (SD up to 2GB, SDHC up to 32GB, SDXC up to 128GB)</td>
<td>1 (SD up to 2GB, SDHC up to 32GB, SDXC up to 128GB)</td>
</tr>
<tr>
<td>SmartCard slot</td>
<td>1 (optional)</td>
<td>1 (optional)</td>
</tr>
</tbody>
</table>
| SIM card slot   | 1 (only for models with integrated 3G/UMTS or 4G/LTE module) | 1 (only for models with integrated 3G/UMTS or 4G/LTE module)
Fujitsu recommends Windows® 7.

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### Port Replicator interfaces (optional)

<table>
<thead>
<tr>
<th>Interface</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC-in</td>
<td>1 (19V)</td>
</tr>
<tr>
<td>Power on switch</td>
<td>1</td>
</tr>
<tr>
<td>Audio: headphone</td>
<td>1</td>
</tr>
<tr>
<td>Audio: microphone</td>
<td>1</td>
</tr>
<tr>
<td>USB 3.0 total</td>
<td>4</td>
</tr>
<tr>
<td>DisplayPort</td>
<td>2 - 1 DP (next to DVI) is shared with DVI, works when DVI not connected</td>
</tr>
<tr>
<td>VGA</td>
<td>1</td>
</tr>
<tr>
<td>DVI</td>
<td>1 - shared with DP (next to DVI) - works when DP (next to DVI) not connected</td>
</tr>
<tr>
<td>Ethernet (RJ-45)</td>
<td>1 (10/100/1000)</td>
</tr>
<tr>
<td>Kensington Lock support</td>
<td>1 (Portrep &amp; System)</td>
</tr>
<tr>
<td>eSATA</td>
<td>1</td>
</tr>
</tbody>
</table>

**Notes**

Port replicator supports 0-Watts functionality

### Keyboard and pointing devices

Black colored key caps for backlight keyboard
Black colored key caps with red frame for regular keyboard
Isolation keyboard
Spill-resistant standard keyboard w/o touchstick

Number of keyboard keys: 104, Keyboard pitch: 19 mm, Keyboard stroke: 1.7 mm

Multi gesture touchpad (93mmx55mm) with 2 integrated mouse buttons
Application buttons
Status LED

### Wireless technologies

#### Antennas

2 Dual band WLAN antennas, 2 UMTS/LTE antennas optional

#### 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) 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 (4.42 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 AC Adapter for usage with system/ 80 & 90W AC Adapter for usage with Port Replicator

#### 1st battery options

Li-Ion battery 6-cell, 5,600/5,800 mAh, 63 Wh
Li-Ion battery 6-cell, 6,400/6,700 mAh, 72 Wh

#### 2nd battery (optional)

Li-Ion battery 6-cell, 2,600, mAh, 28 Wh

#### Runtime 1st battery

up to 18 h

#### Runtime 1st + 2nd battery

up to 25 h

#### Battery charging time

~160 min (63Wh) ~ 200 min (72Wh)

#### Battery notes

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.

### Dimensions / Weight / Environmental

#### Dimensions (W x D x H)

374 x 250 x 20 (front) - 27 (rear) mm
14.72 x 9.84 x 0.78 (front) - 1.06 (rear) inch

#### Weight

from 1.9 kg

#### Weight (lbs)

from 4.2 lbs

#### Weight notes

Incl. weight saver. Weight may vary depending on actual configuration.

#### Operating ambient temperature

5 - 35 °C (41 - 95 °F)

#### Operating relative humidity

20 - 85 %

### Compliance with standards

#### Germany

GS (Full HD Display only)

#### Europe

CE
CB
## Compliance with standards

### Global
- RoHS (Restriction of hazardous substances)
- WEEE (Waste electrical and electronic equipment)
- Microsoft Operating Systems (HCT / HCL entry / WHQL)
- ENERGY STAR® 6.0
- EPEAT® Gold (dedicated regions)

### Compliance link
http://globalsp.ts.fujitsu.com/sites/certificates

## Additional Software

### Additional software (preinstalled)
- Adobe® Reader® (pdf reader)
- McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version)
- Fujitsu LIFEBOOK Application Panel
- Fujitsu Display Manager
- ShockSensor Utility
- Power Saving Utility
- Fujitsu Plugfree Network (network management utility)
- EasyGuide online user documentation
- Microsoft Office (buy license to activate the pre-installed Microsoft Office)
- Win8: Microsoft Push Button Recovery (hard disk based recovery)
- Win7: Fujitsu Recovery (hard disk based recovery)

### Additional software (optional)
- Drivers & Utilities DVD (DUDVD)
- Recovery DVD for Windows®
- LTE / UMTS Connection Manager (if configured with 4G/LTE or 3G/UMTS)
- DVD playback software
- CyberLink YouCam (webcam software)

## Manageability

### Manageability technology
- DeskUpdate Driver management
- PXE 2.1 Boot code
- Wake up from S5 (off mode)
- Wol. (Wake on LAN)

### Manageability software
- DeskView Client
- DeskView Instant BIOS Management

### DeskView components
- Inventory Management
- BIOS Management
- Driver Management
- Security Management
- Alarm Management

### Supported standards
- WMI (Windows Management Instrumentation)
- PXE (Preboot Execution Environment)
- DMI (Desktop Management Interface)
- SMBIOS (System Management BIOS)
- WBEM (Web Based Enterprise Management)
- CIM (Common Information Model)
- BootP (made4you)

### Manageability link
http://www.fujitsu.com/fts/manageability

## Security

### Physical Security
- Kensington Lock support

### System and BIOS Security
- Absolute Persistence® technology capable BIOS Optional: Trusted platform module (TPM 1.2)
- EraseDisk (optional)

### User Security
- Access protection via internal SmartCard reader (optional)
- Embedded fingerprint sensor (optional)
- Hard disk password
- User and supervisor BIOS password
- Workplace Protect (secure authentication solution)
- SystemLock 3 SmartCard Security (optional): BIOS based pre-boot/ two-factor authentication for high level of access protection

Fujitsu recommends Windows® 7.
Fujitsu recommends Windows® 7.

<table>
<thead>
<tr>
<th>Warranty period</th>
<th>2 years (depending on country)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranty type</td>
<td>Collect &amp; Return Service / Bring-in Service (depending on country)</td>
</tr>
<tr>
<td>Recommended Service</td>
<td>9x5, Onsite Response Time: Next Business Day</td>
</tr>
<tr>
<td>Spare Parts availability</td>
<td>5 years after end of product life</td>
</tr>
</tbody>
</table>

notebookcheck test result: good, FUJITSU Notebook LIFEBOOK E754, notebookcheck.com - Germany June 2014

**Recommended Accessories**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Replicator for LIFEBOOK U745, T7, E5, E7 Series and CELSIUS H730, H760</td>
<td>Flexibility, expandability, desktop replacement, investment protection – to name just a few benefits of Fujitsu’s docking options.</td>
<td>S26391-F1337-L109</td>
</tr>
<tr>
<td>USB Port Replicator PR7.1</td>
<td>The FUJITSU USB Port Replicator PR7.1 is the perfect solution for shared desktop (BYOD) environments. It connects your mobile system to your main peripherals with a single USB 3.0 plug. This Port Replicator generates additional DVI or HDMI digital video performance, enabling your system to run up to three screens independently at your workplace.</td>
<td>S26391-F6007-L310</td>
</tr>
<tr>
<td>MicroSaver Slim</td>
<td>The Fujitsu Kensington MicroSaver slim features the patented T-Bar locking mechanism with carbon tempered steel core cable and an external braided steel sheath. The MicroSaver slim is available with Kensington Master Access. This security solution allows you to manage and maintain a limitless number of locks with a master key.</td>
<td>S26361-F1650-L200</td>
</tr>
<tr>
<td>Prestige Case 15</td>
<td>The Prestige Case 15 protects notebooks with up to 15.6-inch screens. The front half of the bag has compartments for your notebook, power cord and office supplies. Through the nylon pockets you can see your modular bay accessories. The back half of the bag has a divided file compartment.</td>
<td>S26391-F1194-L60</td>
</tr>
<tr>
<td>Second Hard Disk Drive or SSD Carrier for Modular Bay</td>
<td>Modern business generates more and more data everyday so you may find yourself needing some extra storage space for critical data. Extend your storage with this 2nd HDD or SSD option by simply sliding this carrier into the modular bay slot on your Fujitsu LIFEBOOK. Choose the storage capacity to suit your needs and order separately from the list of options.</td>
<td>S26391-F1244-L709</td>
</tr>
</tbody>
</table>
Fujitsu recommends Windows® 7.

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless Mouse WI200</td>
<td>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.</td>
<td>S26381-K462-L100</td>
</tr>
<tr>
<td>Wireless Keyboard Set LX901</td>
<td>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.</td>
<td>S26381-K565-L4** (**: Country specific variation)</td>
</tr>
</tbody>
</table>
In addition to Fujitsu LIFEBOOK E754, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

**Dynamic Infrastructures**
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

**Computing Products**

**Software**

Learn more about Fujitsu LIFEBOOK E754, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com

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