Data Sheet
FUJITSU Notebook LIFEBOOK E556

Business Mainstream Desktop Replacement Notebook

Fujitsu recommends Windows.

Enjoy reliability and powerful performance with FUJITSU Notebook LIFEBOOK® E556 with the latest technology enhancements. A comprehensive business feature-set with common port replicator and connectivity options provide the support you need to work with ease and efficiency on your notebook wherever your meeting room or workplace is situated. Choose a 15.6-inch (39.6) cm or 14.0-inch (35.6 cm) display and even reduce its weight with an interchangeable modular bay element.

Reliable and powerful performance
Technology enhancement offers advanced functionality
- Latest Intel® processors and DDR4 RAM boost performance empowering your productivity

Secure and solid protection
Smart security and resistant design
- Integrated fingerprint sensor, SmartCard reader, TPM, among other security options protect your data, while the solid housing and spill-resistant keyboard protect your notebook

Family concept continuity
Reduce complexity and drive down evaluation and deployment costs
- BIOS and mainboard for one bit image, components, modular bay elements, accessories and port replicator are shared across the LIFEBOOK E5 Series. Unique to Fujitsu, one port replicator benefits 8 devices across the LIFEBOOK line: Ultrabook™, notebooks, 2 in 1, and mobile workstation and is compatible with the predecessor

High-capacity battery pack
Long lasting performance for extra working hours
- Take advantage of the high-capacity battery pack to support efficient working in business environments

The choice is yours
Two form factors, one design
- Choose a 15.6-inch (39.6 cm) or a 14.0-inch (35.6 cm) HD or Full HD anti-glare display and enjoy the same great functionality

Components

Fujitsu recommends Windows.

Base unit	LIFEBOOK E556
Operating systems	Windows® 10 Pro 64-bit
	Windows 7 Professional 64-bit
Processor	Intel® Core™ i7-6600U processor (2.6 GHz, up to 3.4 GHz, 4 MB) / vPro
	Intel® Core™ i7-6500U processor (2.5 GHz, up to 3.1 GHz, 4 MB) / non vPro
	Intel® Core™ i5-6300U processor (2.4 GHz, up to 3.0 GHz, 3 MB) / vPro
	Intel® Core™ i5-6200U processor (2.3 GHz, up to 2.8 GHz, 3 MB) / non vPro
	Intel® Core™ i3-6100U processor (2.3 GHz, 3 MB) / non vPro
Memory modules	4 GB (1 module(s) 4 GB) DDR4, 2,133 MHz, SO DIMM
	8 GB (1 module(s) 8 GB) DDR4, 2,133 MHz, SO DIMM
	16 GB (1 module(s) 16 GB) DDR4, 2,133 MHz, SO DIMM
Hard disk drives (internal)[1]	320 GB (5400 rpm) hard drive - TCG Opal Compliant Self-encrypted Drive (SED)
	500 GB (5400 rpm) hard drive
	500 GB (5400 rpm) Hybrid hard drive with 8GB Cache
	128 GB Solid State Drive
	256 GB Solid State Drive
Hard disk notes	Accessible capacity may vary, also depending on used software. Up to 20 GB of HDD space is reserved for system recovery Internal HDD interface: S-ATA III (6GBit/s). Please note, due to OS and memory requirements, specific system configurations of Windows® 7 Professional 64-bit operating system pre-installed, with 32 GB system memory, and 128 GB SSD will have up to about 20 GB free space available. All hard disk drives utilize an internal shock sensor to protect your data.
Modular bay options	2nd hard disk drive
	SuperMulti-format DVD burner (with double layer support)
	Weight saver
Interface add on cards/components (optional)	
WLAN (optional)[2]	Intel® Dual Band Wireless-AC8260 11ac with integrated Bluetooth
	Bluetooth® v4.0 with Windows® 7; Bluetooth® v4.1 with Windows 10
Display	15.6-inch (39.6 cm), LED backlight, (HD), Anti-glare display, compound, 1,366 x 768 pixel, 220 cd/m²
	15.6-inch (39.6 cm), LED backlight, (Full HD), Anti-glare IPS display, compound, 1,920 x 1,080 pixel, 250 cd/m²
Multimedia	
Camera	Built-in webcam, HD (Microsoft® Lync™)

Base Unit

Fujitsu recommends Windows.

Base unit	LIFEBOOK E556
General system information	
Chipset	Integrated
Chipset Notes	Intel® vPro™ requires Intel® Core™ i5-7300U/i7-6600U CPU, Intel® Dual Band Wireless-AC 8260, and TPM module
Supported capacity RAM (max.)	Up to 32 GB total
Memory slots	2 DIMM (DDR4) supporting dual-channel memory
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 40°, Top 10°, Bottom 30°; Color Gamut: 42%; 220 cd/m²
	FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°; Color Gamut: 45%; 250 cd/m²
Graphics	
Base unit	LIFEBOOK E556
TFT resolution (DisplayPort)	up to 4,096 × 2,160
TFT resolution (VGA)	up to 1,920 x 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 x 1,200
Graphics brand name	Intel® HD Graphics 520
Graphics features	3 Display Support (2 external, 1 internal)
Graphics notes	Shared memory depending on main memory size and operating system
Interfaces	
DC-in	1
Audio: line-out / headphone	1
Audio: line-in / microphone	1
Internal microphones	2x digital microphones (array)
USB 3.0 total	3 (1 with Anytime USB Charge functionality)
VGA	1
DisplayPort	1
Serial (RJ-232)	1x (optional)
Ethernet (Rj-45)	1
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
USB 3.0 total	4
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 (1x port replicator)
eSATA	1

Base Unit

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Keyboard and pointing devices	Spill-resistant isolation keyboard with 10-key keypad
	Number of keyboard keys: 103, Keyboard pitch: 19.0 mm, Keyboard stroke: 1.7 mm
	Touchpad with two mouse buttons
	Application buttons
	Power Button
Wireless technologies	
Antennas	2 dual band WLAN antennas
Bluetooth	Bluetooth® v4.0 with Windows® 7; Bluetooth® v4.1 with Windows 10
WLAN encryption	WEP, WPA, WPA2
WLAN notes	Import and usage according to country-specific regulations.
WiDi support	Yes (with Intel® W-LAN)
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 / 80 W (4.22 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) 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/ 80 & 90W AC Adapter for usage with Port Replicator
1st battery options	Main Li-Ion battery 6-cell, 5,800 mAh, 63 Wh
	High Capacity Li-Ion battery 6-cell, 6,700 mAh, 72 Wh
Runtime main battery	Up to 13 hours, 50 minutes with HD Display, SSD
Runtime high capacity battery	Up to 14 hours, 20 minutes with HD Display, SSD
Battery charging time[3]	~150 min (63Wh) ~ 180 min (72Wh)
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	14.7 in. x 9.8 in. x 0.95 / 1.24 in. (374 x 250 x 24.2 / 31.4 mm)
Weight	4.9 lbs. (2.2 kg)
Weight notes	Incl. weight saver. Weight may vary depending on actual configuration.
Operating ambient temperature	41 - 95 °F (5 - 35 °C)
Operating relative humidity	20 - 80 %
Compliance	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; CE Marking; CB Generic Report, RF Human exposure Standard; EPEAT Gold and ENERGY Star® Qualified (depending on your configuration); Qualifies for treatment as U.S. Trade Agreements Act ("TAA") compliant finished product.
Additional Software	
Additional software (preinstalled)	Win7: Adobe Acrobat Reader®
	McAfee® Internet Security and Antivirus Software (60 days trial version)
	Fujitsu LIFEBOOK Application Panel
	Fujitsu Anytime USB Charge Utility
	Fujitsu Display Manager
	Microsoft Office (buy license to activate the pre-installed Microsoft Office)
	Power DVD
	Roxio Creator
	Win10: Microsoft Push Button Recovery (hard disk based recovery)
	Win7: Fujitsu System Restore and Recovery (hard disk based recovery)
Additional software (optional)	Fujitsu Workplace Protect
	Drivers & Utilities DVD (DUDVD)
	Recovery DVD for Windows®
	DVD playback software
	CyberLink YouCam (webcam software)
	Win7: TPM Software

Base Unit

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Manageability	
Manageability technology	PXE 2.1 Boot code
	Wake up from S5 (off mode)
	WoL (Wake on LAN)
Supported standards	WMI
	PXE

Security	
Physical Security	Kensington Lock support (1x system)
System and BIOS Security	Computrace® ready BIOS
	Advanced Theft Protection (Computrace only)
	Optional: Trusted Platform Module (TPM v1.2 or v2.0)
User Security	Access protection via internal SmartCard reader (optional)
	SystemLock BIOS
	SmartCard security
	Embedded fingerprint sensor (optional)
	Hard disk password
	User and supervisor BIOS password
	Workplace Protect (secure authentication solution)

Warranty[4]	
Standard Warranty	One Year Fujitsu Standard International Limited Warranty, 24/7 technical support; Fujitsu extended service plans available
Service Weblink	http://www.fujitsu.com/us/support/
Recommended Accessories	Port Replicator
	High Capacity Battery
	AC Adapter
	Kenneth Cole Reaction Expandable Backpack
	Modular Hard Drive Kit + 2nd Hard Drive
	Notebook Mouse

Notes
1. One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.
2. Some USB devices (e.g. mobile telephones) require a driver in order to utilize the USB charging function. In this case, the USB charging function will not work when the notebook is switched off, as no drivers are active when the notebook is switched off.
3. Battery life tested using Bapco® MobileMark 2014 Office Productivity Workload and Windows® 7 operating system, and may include audio muted and power saving utility enabled. Battery life will vary depending on the product configuration, product model, applications loaded on the product, power management settings on the product, Operating System, and the product features used by the customer. As with all batteries, the maximum capacity of the installed batteries will decrease with time, usage, and how often the batteries are charged by the user.
4. Service and warranty turnaround time may vary by country and product. The International warranty is only valid for products purchased in North, Central, and South America.

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Fujitsu green policy innovation

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