FUJITSU LIFEBOOK

Fujitsu LIFEBOOK E751 Intel® Core™ i5 i5-2520M Laptop 39,6 cm (15.6") HD 2 GB DDR3-SDRAM 320 GB HDD Windows 7 Professional Preto, Cinza

Marca : Fujitsu   **Família do produto:** LIFEBOOK   **Código do produto:** VFY:E7510MXG01DE

Nome do produto : E751

Fujitsu LIFEBOOK E751. Tipo de produto: Laptop, Fator forma: Concha. Família do processador: Intel® Core™ i5, Modelo de processador: i5-2520M, Freqüência do processador: 2,5 GHz. Display diagonal: 39,6 cm (15.6"), Tipo de HD: HD, Resolução do display: 1366 x 768 pixels. Memória interna: 2 GB, Tipo de memória interna: DDR3-SDRAM. Capacidade total de armazenagem: 320 GB, Armazenamento: HDD, Tipo de drive ótico: DVD Super Multi. Sistema operacional instalado: Windows 7 Professional. Cor do produto: Preto, Cinza

Design	
Product type *	Laptop
Product colour *	Black, Grey
Form factor *	Clamshell

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✗
HD type	HD
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt
Display brightness	220 cd/m²
Contrast ratio (typical)	300:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	2nd gen Intel® Core™ i5
Processor model *	i5-2520M
Processor cores	2
Processor threads	4
Processor boost frequency	3.2 GHz
Processor frequency *	2.5 GHz
System bus rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	Socket 988
Processor lithography	32 nm

Software	
Operating system architecture	64-bit
Drivers included	✔
Pre-installed software	Adobe Acrobat Reader, Application Panel, Display Manager, ShockSensor Utility, Power Saving Utility, Plugfree Network, EasyGuide, Nero Essentials S, Norton Internet Security, Fujitsu Recovery
Trial software	Norton Internet Security
Operating system installed *	Windows 7 Professional

Processor special features	
Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔

Processor

Processor operating modes	64-bit
Processor series	Intel Core i5-2500 Mobile Series
Processor codename	Sandy Bridge
Bus type	DMI
FSB Parity	✘
Stepping	J1
Thermal Design Power (TDP)	35 W
Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	25
ECC supported by processor	✘

Memory

Internal memory *	2 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1333 MHz
Memory layout (slots x size)	1 x 2 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	320 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	320 GB
HDD interface	SATA
HDD speed	5400 RPM
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	Memory Stick (MS), MS PRO, SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 3000
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1300 MHz
On-board graphics card ID	0x116
Maximum resolution	2560 x 1600 pixels

Audio

Audio system	Realtek ALC269
Number of built-in speakers	2
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	1.3 MP

Network

Wi-Fi	✔
Networking features	Gigabit Ethernet
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔

Processor special features

Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5 x 37.5 (rPGA988B); 31 x 24 (BGA1023)
Supported instruction sets	AVX
Processor code	SR048
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	32 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✔
Processor ARK ID	52229
Conflict-Free processor	✘
Integrated 4G WiMAX	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity	6200 mAh
Battery life (max)	10 h
Battery recharge time	3 h

Power

Battery life with optional 2nd battery	17 h
AC adapter power	80 W
AC adapter input voltage	100 - 240 V
AC adapter output current	4.22 A
AC adapter output voltage	19 V
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Password protection type	BIOS, HDD

Network

Bluetooth version	3.0+HS
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
eSATA/USB 2.0 ports quantity	1
Ethernet LAN (RJ-45) ports	1
DisplayPorts quantity	1
DVI port	✘
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✘
Microphone in	✔
Combo headphone/mic port	✘
Docking connector	✔
ExpressCard slot	✔
CardBus PCMCIA slot type	✘
SmartCard slot	✘
TV-out	✘
Serial ports quantity	1

Performance

Motherboard chipset	Intel® QM67 Express

Keyboard

Keyboard keystroke	2.7 mm
Keyboard key pitch	1.9 cm
Pointing device	Touchpad
Numeric keypad *	✘
Windows keys	✔

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Operating relative humidity (H-H)	5 - 35%

Certificates

Certification	CE, RoHS, WEEE, HCT, HCL entry, WHQL, ENERGY STAR 5.0

Weight & dimensions

Width	372 mm
Depth	245 mm
Height	35 mm
Weight *	2.5 kg

Packaging content

AC adapter included *	✔
Cables included	AC
Remote control included	✘

Other features

Infrared data port	✘
Graphics card family	Intel
3D	✘
Power supply type	AC/DC
Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Wake-on-LAN ready	✔
Compatible operating systems	Microsoft Windows XP Professional, Windows Vista Business 32-bit
External display	✘
Internal modem	✘
TV tuner integrated	✘