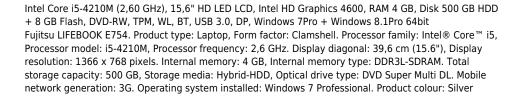# FUJITSU LIFEBOOK

Fujitsu LIFEBOOK E754 Intel® Core™ i5 i5-4210M Laptop 39,6 cm (15.6") 4 GB DDR3L-SDRAM 500 GB Hybrid-HDD Wi-Fi 4 (802.11n) Windows 7 Professional Silver

Brand : Fujitsu **Product family:** LIFEBOOK **Product code:** VFY:E7540MXE41CZ

Product name : E754

Intel Core i5-4210M (2,60 GHz), 15,6" HD LED LCD, Intel HD Graphics 4600, RAM 4 GB, Disk 500 GB HDD + 8 GB Flash, DVD-RW, TPM, WL, BT, USB 3.0, DP, Windows 7Pro + Windows 8.1Pro 64bit
Fujitsu LIFEBOOK E754. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-4210M, Processor frequency: 2,6 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: Hybrid-HDD, Optical drive type: DVD Super Multi DL. Mobile network generation: 3G. Operating system installed: Windows 7 Professional. Product colour: Silver

Design

Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell

Display

Display diagonal *	39,6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✖
Display number of colours	16.78 million colours
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	4th gen Intel® Core™ i5
Processor model *	i5-4210M
Processor cores	2
Processor threads	4
Processor boost frequency	3,2 GHz
Processor frequency *	2,6 GHz
System bus rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	PGA946
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-4200 Mobile series
Processor codename	Haswell
Bus type	DMI
FSB Parity	✖
Stepping	C0
Thermal Design Power (TDP)	37 W

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard number of keys	104

Software

Operating system architecture	64-bit
Recovery operating system	Windows 8.1 Pro
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® Built-in Visuals Technology	✔
Intel HD Graphics	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✖
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✖
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔

Processor

Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3L-SDRAM
Memory clock speed	1600 MHz
Memory layout (slots x size)	1 x 4 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	500 GB
Storage media *	Hybrid-HDD
Hybrid hard drive (H-HDD) capacity	500 GB
Hybrid hard drive (H-HDD) cache memory	8 GB
Hard drive size	2.5"
Optical drive type *	DVD Super Multi DL
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

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 4600
On-board graphics card base frequency	400 MHz
On-board graphics card dynamic frequency (max)	1150 MHz
Maximum on-board graphics card memory	1,74 GB
On-board graphics card DirectX version	11.1
On-board graphics card OpenGL version	4.3
On-board graphics card ID	0x416
Graphics card Open GL support	✔

Audio

Audio system	Realtek ALC3233
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	2 MP

Network

Mobile network generation	3G
3G standards	UMTS
Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)
Wi-Fi standards	802.11a, 802.11b, 802.11g
Mobile network connection *	✔
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Processor special features

Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✘
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘
Intel® Secure Key	✔
Intel TSX-NI	✘
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 x 4.7 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR1L4
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Identity Protection Technology version	1,00
Intel Secure Key Technology version	1,00
Intel TSX-NI version	0,00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✘
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✘
Processor ARK ID	81012
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity	6700 mAh
Battery capacity *	72 Wh
Battery life (max)	19 h

Power

DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Password protection	✔
Password protection type	BIOS, HDD

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Operating relative humidity (H-H)	20 - 85%

Certificates

Compliance certificates	RoHS
Certification	WEEE, CB, CE, Microsoft Operating Systems (HCT / HCL entry / WHQL)

Sustainability

Sustainability certificates	EPEAT Gold, ENERGY STAR

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DisplayPorts quantity	1
DVI port	✘
VGA (D-Sub) ports quantity	1
Headphone outputs	1
Microphone in	✔
Docking connector	✘

Weight & dimensions

Width	374 mm
Depth	250 mm
Height (front)	2 cm
Height (rear)	2,7 cm
Weight *	2,1 kg

Other features

SIM card support	✔

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