

Fujitsu LIFEBOOK LH532 Intel® Core™ i7 i7-3632QM Laptop 35.6 cm (14") HD 4 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GT 620M Windows 7 Home Premium Black

Brand : Fujitsu

Product family: LIFEBOOK

Product code: LH532A-VB731

Product name : LH532

Intel Core i7-3632QM Processor (6M Cache, up to 3.20 GHz), Intel HM76, 14" HD 1366 x 768, 4GB DDR3 1600MHz, 1TB 2.5" SATA HDD, nVidia GeForce GT 620M 2GB, DVD Super Multi, Gigabit Ethernet, WLAN 802.11 a/b/g/n, Bluetooth, WebCam, Windows 7 Home Premium

Fujitsu LIFEBOOK LH532. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3632QM, Processor frequency: 2.2 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 7 Home Premium. Product colour: Black



Design		Keyboard	
Product type *	Laptop	Windows keys	✓
Product colour *	Black	Software	
Form factor *	Clamshell	Drivers included	✓
Display		Operating system installed *	Windows 7 Home Premium
Display diagonal *	35.6 cm (14")	Processor special features	
Display resolution *	1366 x 768 pixels	Intel® Wireless Display (Intel® WiDi)	✓
Touchscreen *	✗	Intel® My WiFi Technology (Intel® MWT)	✓
HD type	HD	Intel Smart Connect Technology	✗
LED backlight	✓	Intel® Anti-Theft Technology (Intel® AT)	✓
Native aspect ratio	16:9	Intel® Rapid Start Technology	✗
Display brightness	220 cd/m²	Intel® Smart Response Technology	✗
Contrast ratio (typical)	600:1	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i7-3632QM	Intel Clear Video Technology	✗
Processor cores	4	Intel® InTru™ 3D Technology	✓
Processor threads	8	Intel® Insider™	✓
Processor boost frequency	3.2 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	2.2 GHz	Intel Flex Memory Access	✓
System bus rate	5 GT/s	Intel® Smart Cache	✓
Processor cache	6 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	Socket 1224	Intel Enhanced Halt State	✓
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-3600 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		
Thermal Design Power (TDP)	35 W		

Processor		Processor special features	
Tjunction	105 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel Demand Based Switching	✗
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
CPU multiplier (bus/core ratio)	22	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	4 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3-SDRAM	Processor package size	37.5 x 37.5 (rPGA988B)
Memory clock speed	1600 MHz	Supported instruction sets	AVX
Memory form factor	SO-DIMM	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✗
Maximum internal memory *	16 GB	Graphics & IMC lithography	22 nm
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Total storage capacity *	1 TB	Intel Identity Protection Technology version	1.00
Storage media *	HDD	Intel Secure Key Technology version	1.00
Number of HDDs installed	1	Intel Virtualization Technology (VT-x)	✓
HDD capacity	1 TB	Intel Dual Display Capable Technology	✓
HDD interface	SATA	Intel FDI Technology	✓
HDD speed	5400 RPM	Intel Rapid Storage Technology	✗
HDD size	2.5"	Intel Fast Memory Access	✓
Optical drive type *	DVD Super Multi	Processor ARK ID	71458
Card reader integrated	✓	Conflict-Free processor	✓
Compatible memory cards	Memory Stick (MS), MS PRO, SD, SDHC	Integrated 4G WiMAX	✓
Graphics		Battery	
Discrete graphics card model *	NVIDIA® GeForce® GT 620M	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card memory	2 GB	Number of battery cells	6
Discrete graphics memory type	GDDR3	Battery capacity	4400 mAh
On-board graphics card *	✓	Battery capacity *	48 Wh
Discrete graphics card *	✓	Power	
On-board graphics card family	Intel® HD Graphics	AC adapter power	80 W
On-board graphics card model *	Intel® HD Graphics 4000	AC adapter frequency	50 - 60 Hz
On-board graphics card base frequency	650 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter output current	4.22 A
On-board graphics card ID	0x166	AC adapter output voltage	19 V
Audio		DC-in jack	✓
Number of built-in speakers	2	Security	
Built-in microphone	✓	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera	✓	Password protection type	BIOS, HDD, Supervisor, User
Network		Operational conditions	
Wi-Fi	✓	Operating temperature (T-T)	5 - 35 °C
Wi-Fi standards	802.11a, 802.11b, 802.11g	Operating relative humidity (H-H)	20 - 85%
Ethernet LAN	✓	Certificates	
Ethernet LAN data rates	10,100,1000 Mbit/s	Wi-Fi certified	✓
Bluetooth	✓	Compliance certificates	RoHS
Data network	Not supported	Certification	CE, R&TTE, SASO
Cabling technology	10/100/1000Base-T(X)	Sustainability	
4G WiMAX	✗	Sustainability certificates	ENERGY STAR
Ports & interfaces			
USB 2.0 ports quantity *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		

Ports & interfaces		Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Width	335 mm
HDMI ports quantity *	1	Depth	240 mm
DVI port	✗	Height	33.5 mm
VGA (D-Sub) ports quantity	1	Weight *	2 kg
Headphone outputs	1	Packaging content	
S/PDIF out port	✗	AC adapter included *	✓
Microphone in	✓	Cables included	AC
ExpressCard slot	✗	Manual	✓
CardBus PCMCIA slot type	✗	Quick start guide	✓
SmartCard slot	✗	Warranty card	✓
Headphone connectivity	3.5 mm	Other features	
Microphone connectivity	3.5 mm	Maximum internal memory (64-bit)	16 GB
USB Sleep-and-Charge	✓	NVIDIA Optimus technology	✓
USB Sleep-and-Charge ports	1		
Performance			
Motherboard chipset	Intel HM76 Express		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Spill-resistant keyboard	✓		
Full-size keyboard	✓		

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