

# **Fujitsu LIFEBOOK S792 Intel® Core™ i3 i7-3632QM 33.8 cm (13.3") HD 4 GB DDR3-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Windows 7 Professional**

Brand : Fujitsu

Model : LIFEBOOK

SKU : VFY:S7920MF075RU

Series : S792

Fujitsu LIFEBOOK S792. Processor: Intel®, Core™ i3, i7-3632QM, Frequency: 2.2 GHz. Display: 33.8 cm (13.3"), HD type: HD, Resolution: 1366 x 768 pixels. Memory: 4 GB, Type: DDR3-SDRAM. Storage: 500 GB, Type: HDD. Optical drive: DVD Super Multi. Operating system: Windows 7 Professional. Weight: 2.2 kg

Design		Software	
Product type *	Laptop	Operating system installed *	Windows 7 Professional
Product colour *	Black	<b>Processor special features</b>	
Form factor *	Clamshell		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	33.8 cm (13.3")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	✓
Touchscreen *	✗	Intel® Identity Protection Technology (Intel® IPT)	✓
HD type	HD	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
LED backlight	✓	Intel® Turbo Boost Technology	2.0
Native aspect ratio	16:9	Intel® Small Business Advantage (Intel® SBA)	✗
Display brightness	300 cd/m²	Enhanced Intel SpeedStep Technology	✓
Contrast ratio (typical)	300:1	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor		Intel Clear Video Technology	✗
Processor manufacturer *	Intel	Intel® InTru™ 3D Technology	✓
Processor family *	Intel® Core™ i7	Intel® Insider™	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® Quick Sync Video Technology	✓
Processor model *	i7-3632QM	Intel Flex Memory Access	✓
Processor cores	4	Intel® Smart Cache	✓
Processor threads	8	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor boost frequency	3.2 GHz	Intel Trusted Execution Technology	✗
Processor frequency *	2.2 GHz	Intel Enhanced Halt State	✓
System bus rate	5 GT/s	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	6 MB	Intel Demand Based Switching	✗
Processor cache type	Smart Cache	Intel® Secure Key	✓
Processor socket	Socket 1224	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Processor lithography	22 nm	Intel 64	✓
Processor operating modes	64-bit	Execute Disable Bit	✓
Processor series	Intel Core i7-3600 Mobile series	Idle States	✓
Processor codename	Ivy Bridge	Thermal Monitoring Technologies	✓
Bus type	DMI	Processor package size	37.5 x 37.5 (rPGA988B)
FSB Parity	✗	Supported instruction sets	AVX
Thermal Design Power (TDP)	35 W	CPU configuration (max)	1
Tjunction	105 °C	Embedded options available	✗
Maximum number of PCI Express lanes	16	Graphics & IMC lithography	22 nm
PCI Express slots version	3.0	<b>Memory</b>	
PCI Express configurations	1x16, 2x8, 1x8+2x4		
CPU multiplier (bus/core ratio)	22		
ECC supported by processor	✗		
Memory		Internal memory *	4 GB
Internal memory type	DDR3-SDRAM	Internal memory type	DDR3-SDRAM
Memory clock speed	1600 MHz	Memory clock speed	1600 MHz

Memory		Processor special features	
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Maximum internal memory *	16 GB	Intel Identity Protection Technology version	1.00
Storage		Intel Secure Key Technology version	1.00
Total storage capacity *	500 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	HDD	Intel Dual Display Capable Technology	✓
Number of HDDs installed	1	Intel FDI Technology	✓
HDD capacity	500 GB	Intel Rapid Storage Technology	✗
HDD interface	SATA	Intel Fast Memory Access	✓
HDD size	2.5"	Processor ARK ID	71458
Optical drive type *	DVD Super Multi	Conflict-Free processor	✓
Card reader integrated	✓	Integrated 4G WiMAX	✓
Compatible memory cards	SD, SDHC, SDXC	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Number of battery cells	6
Discrete graphics card *	✗	Battery life (max)	12 h
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics 4000	AC adapter frequency	50 - 60 Hz
On-board graphics card memory	1.696 GB	AC adapter input voltage	100 - 240 V
On-board graphics card base frequency	650 MHz	AC adapter output voltage	19 V
On-board graphics card dynamic frequency (max)	1150 MHz	DC-in jack	✓
On-board graphics card ID	0x166	Security	
Audio		Cable lock slot	✓
Number of built-in speakers	2	Cable lock slot type	Kensington
Network		Password protection	✓
Wi-Fi	✓	Password protection type	BIOS, HDD, Supervisor, User
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Operational conditions	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Operating temperature (T-T)	5 - 35 °C
Ethernet LAN	✓	Operating relative humidity (H-H)	20 - 85%
Ethernet LAN data rates	10,100,1000 Mbit/s	Certificates	
Bluetooth	✓	Wi-Fi certified	✓
Ports & interfaces		Compliance certificates	RoHS
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Certification	CE, CB, WEEE
eSATA/USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	1	Sustainability	
Ethernet LAN (RJ-45) ports	1	Sustainability certificates	ENERGY STAR
DisplayPorts quantity	1	Weight & dimensions	
DVI port	✗	Width	321 mm
VGA (D-Sub) ports quantity	1	Depth	228 mm
Headphone outputs	1	Height (front)	2.47 cm
S/PDIF out port	✗	Height (rear)	3.19 cm
Microphone in	✓	Weight *	1.6 kg
Docking connector	✓	Packaging content	
ExpressCard slot	✓	AC adapter included *	✓
CardBus PCMCIA slot type	✗	Cables included	AC
Performance		Manual	✓
Motherboard chipset	Intel® QM77 Express	Quick start guide	✓
Keyboard		Other features	
Pointing device	Touchpad	Maximum internal memory (64-bit)	16 GB
Numeric keypad *	✗		
Spill-resistant keyboard	✓		
Keyboard number of keys	85		
Software			

**Software**

Operating system architecture	64-bit
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