

Fujitsu CELSIUS H920 Intel® Core™ i7 i7-3630QM Laptop 43.9 cm (17.3") Full HD 4 GB DDR3-SDRAM 500 GB HDD NVIDIA® Quadro® K3000M Windows 7 Professional Black



Brand : Fujitsu

Product family: CELSIUS

Product code:
VFY:H9200W47A1IT

Product name : H920

CELSIUS H920, 17.3" (LED, Full HD, 1920 x 1080), Intel Core i7-3630QM (2.4 Ghz), 4GB (DDR3, 1600 Mhz), 500GB (HDD, SATA 2, 7200 rpm, 2.5"), Intel QM77, Nvidia Quadro K3000M (2048Mb), WebCam, 3 x USB 2.0, 1 x USB 3.0, VGA, DisplayPort, LAN, DVD±RW, Windows 7 Professional (Windows 8), 4.25 kg, black

Fujitsu CELSIUS H920. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3630QM, Processor frequency: 2.4 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 7 Professional. Product colour: Black

Design		Software	
Product type *	Laptop	Operating system installed *	Windows 7 Professional
Product colour *	Black	Processor special features	
Form factor *	Clamshell		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	43.9 cm (17.3")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1920 x 1080 pixels	Intel Smart Connect Technology	✗
Touchscreen *	✗	Intel® Anti-Theft Technology (Intel® AT)	✓
HD type	Full HD	Intel® Rapid Start Technology	✗
Display number of colours	16.78 million colours	Intel® Smart Response Technology	✗
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Display brightness	220 cd/m²	Intel® Turbo Boost Technology	2.0
Contrast ratio (typical)	300:1	Intel® Small Business Advantage (Intel® SBA)	✗
Processor		Intel® Matrix Storage Technology (Intel® MST)	✗
Processor manufacturer *	Intel	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor family *	Intel® Core™ i7	Intel® Active Management Technology (Intel® AMT)	✗
Processor generation	3rd gen Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor model *	i7-3630QM	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	4	Intel Clear Video Technology	✗
Processor threads	8	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.4 GHz	Intel® Insider™	✓
Processor frequency *	2.4 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	5 GT/s	Intel Flex Memory Access	✓
Processor cache	6 MB	Intel® Smart Cache	✓
Processor cache type	Smart Cache		
Processor socket	PGA988		
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	✗		

Processor		Processor special features	
Stepping	E1	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	45 W	Intel Trusted Execution Technology	✗
Tjunction	105 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel Demand Based Switching	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Secure Key	✓
CPU multiplier (bus/core ratio)	24	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	1600 MHz	Processor package size	37.5 x 37.5 (rPGA988B)
Memory layout (slots x size)	1 x 4 GB	Supported instruction sets	AVX
Memory slots	4x SO-DIMM	Processor code	SR0UX
Maximum internal memory *	16 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	500 GB	Graphics & IMC lithography	22 nm
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Number of HDDs installed	1	Intel Identity Protection Technology version	1.00
HDD capacity	500 GB	Intel Secure Key Technology version	1.00
HDD interface	SATA	Intel Virtualization Technology (VT-x)	✓
HDD speed	7200 RPM	Intel Dual Display Capable Technology	✓
HDD size	2.5"	Intel FDI Technology	✓
Optical drive type *	DVD±RW	Intel Rapid Storage Technology	✗
Card reader integrated	✓	Intel Fast Memory Access	✓
Compatible memory cards	SD, SDHC, SDXC	Processor ARK ID	71459
Graphics		Conflict-Free processor	✓
Discrete graphics card model *	NVIDIA® Quadro® K3000M	Integrated 4G WiMAX	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card family	Intel® HD Graphics	Number of battery cells	8
On-board graphics card model *	Intel® HD Graphics 4000	Battery life (max)	9 h
On-board graphics card base frequency	650 MHz	Power	
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter power	210 W
On-board graphics card ID	0x166	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio system	Realtek ALC269	DC-in jack	✓
Built-in microphone	✓	Security	
Camera		Cable lock slot	✓
Front camera	✓	Cable lock slot type	Kensington
Front camera resolution (numeric)	2 MP	Fingerprint reader	✓
Front camera resolution	1600 x 1200 pixels	Password protection	✓
Network		Password protection type	BIOS, HDD
Ethernet LAN	✓	Operational conditions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating temperature (T-T)	5 - 25 °C
Bluetooth	✗	Operating relative humidity (H-H)	20 - 85%
Ports & interfaces		Certificates	
USB 2.0 ports quantity *	3	Compliance certificates	RoHS
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Certification	FCC, CE, GS
eSATA ports quantity	1		
Ethernet LAN (RJ-45) ports	1		
DisplayPorts quantity	1		
DVI port	✗		

Ports & interfaces		Sustainability	
VGA (D-Sub) ports quantity	1	Sustainability certificates	EPEAT Gold, ENERGY STAR
Headphone outputs	1	Weight & dimensions	
S/PDIF out port	✗	Width	417 mm
Microphone in	✓	Depth	287 mm
Docking connector	✗	Height	33 mm
ExpressCard slot	✓	Weight *	4.25 kg
CardBus PCMCIA slot type	✗	Other features	
SmartCard slot	✓	LightScribe	✗
Performance			
Motherboard chipset	Intel® QM77 Express		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Software			
Operating system architecture	64-bit		
Recovery operating system	Windows 8 Pro		

Catalog Object Cloud



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