

## ASUS F550JK-DM205H laptop Intel® Core™ i7 i7-4710HQ 39.6 cm (15.6") HD 8 GB DDR3-SDRAM 750 GB HDD NVIDIA® GeForce® GTX 850M Windows 8.1 Grey, Silver



**Brand :** ASUS

**Product code:** F550JK-DM205H

**Product name :** F550JK-DM205H

Intel core i7-4710HQ (2.5GHz, 6M Cache), 8GB DDR3, 750GB HDD, Intel HD Graphics 4600 + NVIDIA GeForce GTX 850M, Gigabit Ethernet, WLAN 802.11 b/g/n, WebCam, Windows 8.1  
ASUS F550JK-DM205H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4710HQ, Processor frequency: 2.5 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 750 GB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 8.1. Product colour: Grey, Silver

Design		Ports & interfaces	
Product type *	Laptop	SmartCard slot	✗
Product colour *	Grey, Silver	<b>Keyboard</b>	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	39.6 cm (15.6")	Windows keys	✓
Display resolution *	1366 x 768 pixels	<b>Software</b>	
Touchscreen *	✗	Operating system installed *	Windows 8.1
HD type	HD	<b>Processor special features</b>	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✗
Processor		Intel® Anti-Theft Technology (Intel® AT)	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i7	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	4th gen Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor model *	i7-4710HQ	Enhanced Intel SpeedStep Technology	✓
Processor cores	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	8	Intel Clear Video Technology	✗
Processor boost frequency	3.5 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2.5 GHz	Intel® Insider™	✓
System bus rate	5 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	6 MB	Intel Flex Memory Access	✗
Processor cache type	Smart Cache		
Processor socket	BGA 1364		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-4700 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		

Processor		Processor special features	
FSB Parity	✗	Intel® Smart Cache	✓
Stepping	C0	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	47 W	Intel Trusted Execution Technology	✗
Tjunction	100 °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	✓
ECC supported by processor	✗	Intel TSX-NI	✗
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory *	8 GB	Intel 64	✓
Internal memory type	DDR3-SDRAM	Execute Disable Bit	✓
Memory clock speed	1600 MHz	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	750 GB	Processor package size	37.5 x 32 x 1.6 mm
Storage media *	HDD	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of HDDs installed	1	Processor code	SR1PX
HDD capacity	750 GB	CPU configuration (max)	1
HDD interface	SATA	Embedded options available	✗
HDD size	2.5"	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	DVD Super Multi	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	SD, SDHC, SDXC	Intel TSX-NI version	0.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce® GTX 850M	Intel Dual Display Capable Technology	✗
On-board graphics card *	✓	Intel FDI Technology	✓
Discrete graphics card *	✓	Intel Rapid Storage Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel Fast Memory Access	✗
On-board graphics card model *	Intel® HD Graphics 4600	Processor ARK ID	78930
On-board graphics card base frequency	400 MHz	Conflict-Free processor	✓
On-board graphics card dynamic frequency (max)	1200 MHz	Battery	
Maximum on-board graphics card memory	1.74 GB	Number of battery cells	4
On-board graphics card DirectX version	12.0	Battery capacity *	44 Wh
On-board graphics card OpenGL version	4.3	Power	
On-board graphics card ID	0x416	AC adapter power	120 W
Audio		AC adapter frequency	50 - 60 Hz
Audio system	SonicMaster	AC adapter input voltage	100 - 240 V
Built-in microphone	✓	AC adapter output current	3.42 A
Camera		AC adapter output voltage	19 V
Front camera	✓	DC-in jack	✓
Network		Security	
Wi-Fi	✓	Cable lock slot	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Cable lock slot type	Kensington
Ethernet LAN	✓	Password protection	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Password protection type	BIOS, User
Bluetooth	✗	Weight & dimensions	
Ports & interfaces		Width	380 mm
USB 2.0 ports quantity *	1	Depth	251 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height (front)	2.92 cm
Ethernet LAN (RJ-45) ports	1	Height (rear)	3.17 cm
HDMI ports quantity *	1	Weight *	2.45 kg

Ports & interfaces		Other features	
DVI port	×	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
VGA (D-Sub) ports quantity	1		
S/PDIF out port	×		
Microphone in	×		
Combo headphone/mic port	✓		
Docking connector	×		
ExpressCard slot	×		
CardBus PCMCIA slot type	×		

## Catalog Object Cloud



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