

ASUS F555LJ-XX085H Intel® Core™ i7 i7-5500U Laptop 39,6 cm (15.6") 4 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 920M Windows 8.1 Black, Brown

Brand : ASUS

Product code: 90NB08I1-M01130

Product name : F555LJ-XX085H

Intel Core i7-5500U (4M Cache, up to 3.00 GHz), 4GB DDR3, 500GB HDD 5400rpm, DVD Super Multi DL, Intel HD Graphics 5500 + NVIDIA GeForce GT 920M 2GB, 39.624 cm (15.6 ") (1366 x 768) LED, 2x USB 3.0, 1 x USB 2.0, HDMI, 802.11 b/g/n, Bluetooth 4.0, Windows

ASUS F555LJ-XX085H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-5500U, Processor frequency: 2,4 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 5500. Operating system installed: Windows 8.1. Product colour: Black, Brown



Design		Software	
Product type *	Laptop	Trial software	Office
Product colour *	Black, Brown	Operating system installed *	Windows 8.1
Form factor *	Clamshell	Processor special features	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	39,6 cm (15.6")	Intel® My WiFi Technology (Intel® MWT)	✗
Display resolution *	1366 x 768 pixels	Intel Smart Connect Technology	✗
Touchscreen *	✗	Intel® Anti-Theft Technology (Intel® AT)	✗
LED backlight	✓	Intel® Rapid Start Technology	✗
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Display surface	Gloss	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	Intel® Small Business Advantage (Intel® SBA)	✓
Processor generation	5th gen Intel® Core™ i7	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor model *	i7-5500U	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor cores	2	Intel® Active Management Technology (Intel® AMT)	✗
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2,4 GHz	Intel Clear Video Technology	✓
System bus rate	5 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	4 MB	Intel® Insider™	✓
Processor cache type	L3	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1168		
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		
Processor series	Intel Core i7-5500 Mobile Series		
Processor codename	Broadwell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	F0		

Processor		Processor special features	
Thermal Design Power (TDP)	15 W	Intel Flex Memory Access	✓
Configurable TDP-down	7,5 W	Intel® Smart Cache	✓
Configurable TDP-down frequency	0,6 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Tjunction	105 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	12	Intel Enhanced Halt State	✓
PCI Express slots version	2.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	4x1, 2x4	Intel Demand Based Switching	✗
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Internal memory *	4 GB	Intel Stable Image Platform Program (SIPP)	✗
Internal memory type	DDR3-SDRAM	Intel® OS Guard	✓
Memory form factor	SO-DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory layout (slots x size)	1 x 4 GB	Intel 64	✓
Memory slots	2x SO-DIMM	Execute Disable Bit	✓
Maximum internal memory *	12 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	500 GB	Processor package size	40 x 24 x 1.3 mm
Storage media *	HDD	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of HDDs installed	1	Processor code	SR23W
HDD capacity	500 GB	CPU configuration (max)	1
HDD interface	SATA	Embedded options available	✗
HDD speed	5400 RPM	Graphics & IMC lithography	14 nm
Optical drive type *	DVD Super Multi DL	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1,00
Compatible memory cards	SD	Intel Smart Response Technology version	1,00
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card model *	NVIDIA® GeForce® GT 920M	Intel Secure Key Technology version	1,00
Discrete graphics card memory	2 GB	Intel Small Business Advantage (SBA) version	1,00
Discrete graphics memory type	GDDR3	Intel TSX-NI version	0,00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Intel Dual Display Capable Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel FDI Technology	✓
On-board graphics card model *	Intel® HD Graphics 5500	Intel Rapid Storage Technology	✗
On-board graphics card base frequency	300 MHz	Intel Fast Memory Access	✓
On-board graphics card dynamic frequency (max)	950 MHz	Processor ARK ID	85214
Maximum on-board graphics card memory	16 GB	Conflict-Free processor	✓
On-board graphics card DirectX version	11.2	Battery	
On-board graphics card ID	0x1616	Number of battery cells	2
Audio		Power	
Built-in microphone	✓	AC adapter power	65 W
Camera		DC-in jack	✓
Front camera	✓	Security	
Front camera resolution (numeric)	0,5 MP	Cable lock slot	✗
Network		Weight & dimensions	
Wi-Fi	✓	Width	382 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	256 mm
Ethernet LAN	✓	Height	25,8 mm
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Bluetooth version	4.0		
Ports & interfaces			
USB 2.0 ports quantity *	1		

Ports & interfaces		Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight *	2,3 kg
Ethernet LAN (RJ-45) ports	1	Packaging content	
HDMI ports quantity *	1	AC adapter included *	✓
DVI port	✗	Manual	✓
VGA (D-Sub) ports quantity	1	Quick start guide	✓
S/PDIF out port	✗	Power cord included	✓
Microphone in	✗	Other features	
Combo headphone/mic port	✓	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Island-style keyboard	✓		
Windows keys	✓		



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