

ASUS F555LD-XO481H laptop Intel® Core™ i3 i3-4030U 39.6 cm (15.6") HD 4 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® 820M Windows 8.1 Red



Brand : ASUS

Product code: F555LD-XO481H

Product name : F555LD-XO481H

Intel Core i3-4030U (1.9GHz, 3MB Cache), 4GB DDR3, 1000GB HDD, Intel HD Graphics 4400 + NVIDIA GeForce 820M, WLAN 802.11 b/g, Gigabit Ethernet, Windows 8.1
ASUS F555LD-XO481H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor: i3-4030U, Processor frequency: 1.9 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8.1. Product colour: Red

Design		Ports & interfaces	
Product type *	Laptop	Total number of SATA connectors	4
Product colour *	Red	Number of SATA III connectors	4
Form factor *	Clamshell	Keyboard	
Display		Pointing device	Touchpad
Display diagonal *	39.6 cm (15.6")	Numeric keypad *	✓
Display resolution *	1366 x 768 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	HD	Operating system installed *	Windows 8.1
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel Wireless Display (WiDi) Technology	✓
Processor		Intel My WiFi Technology	✗
Processor manufacturer *	Intel	Intel Smart Connect Technology	✓
Processor family *	Intel® Core™ i3	Intel Anti-Theft Technology	✓
Processor generation	4th gen Intel® Core™ i3	Intel Identity Protection Technology	✓
Processor *	i3-4030U	Intel Hyper-Threading Technology	✓
Processor number of cores	2	Intel Turbo Boost Technology	✗
Processor threads	4	Intel Matrix Storage Technology	✗
Processor frequency *	1.9 GHz	Intel HD Audio Technology	✓
System bus data transfer rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel Clear Video HD Technology	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✗
Processor socket	BGA 1168	Intel® InTru™ 3D Technology	✓
Processor lithography	22 nm	Intel® Insider™	✓
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Processor series	Intel® Core™ i3-4000 Mobile Series	Intel Flex Memory Access	✗
Processor codename	Haswell	Intel® Smart Cache	✓
Bus type	DMI2	Intel AES New Instructions	✓
FSB Parity	✗	Intel Trusted Execution Technology	✗
Stepping	D0		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		

Processor		Processor special features	
PCI Express slots version	2.0	Intel Enhanced Halt State	✓
PCI Express configurations	4x1, 2x4	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✗	Intel Demand Based Switching	✗
Memory		Intel® Secure Key	✓
Internal memory *	4 GB	Intel TSX-NI	✗
Internal memory type	DDR3L-SDRAM	Intel Clear Video Technology for MID	✗
Memory clock speed	1600 MHz	Intel 64	✓
Memory, maximum *	8 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	40 x 24 x 1.5 mm
Number of HDDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Hard drive capacity	1 TB	Processor code	SR1EN
Hard drive rotational speed	5400 RPM	CPU configuration (max)	1
Hard drive size	2.5"	Embedded options available	✗
Card reader integrated	✓	UART	✓
Compatible memory cards	SD, SDHC, SDXC	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Smart Connect Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® 820M	Intel Identity Protection Technology version	1.00
Discrete graphics card memory	2 GB	Intel Secure Key Technology version	1.00
Discrete graphics memory type	GDDR3	Intel ME Firmware Version	9.5
On-board graphics card *	✓	Intel TSX-NI version	0.00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✗
On-board graphics card model *	Intel® HD Graphics 4400	Intel FDI Technology	✗
On-board graphics card base frequency	200 MHz	Intel Rapid Storage Technology	✓
On-board graphics card dynamic frequency (max)	1000 MHz	Intel Fast Memory Access	✗
Maximum on-board graphics card memory	2 GB	Processor ARK ID	81018
On-board graphics card DirectX version	12	Conflict-Free processor	✓
On-board graphics card ID	0xA16	Battery	
Audio		Battery technology	Lithium Polymer (LiPo)
Audio system	SonicMaster	Number of battery cells	2
Built-in microphone	✓	Battery capacity *	37 Wh
Camera		Power	
Front camera	✓	AC adapter power	65 W
Network		AC adapter frequency	50 - 60 Hz
Wi-Fi	✓	AC adapter input voltage	100 - 240 V
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	AC adapter output current	3.42 A
Ethernet LAN connection	✓	AC adapter output voltage	19 V
Ethernet LAN data rates	10,100,1000 Mbit/s	DC-in jack	✓
Bluetooth	✗	Security	
Ports & interfaces		Cable lock slot	✓
USB 2.0 ports quantity *	1	Cable lock slot type	Kensington
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Password protection	✓
Ethernet LAN (RJ-45) ports	1	Password protection type	BIOS, HDD, User
HDMI ports quantity *	1	Weight & dimensions	
DVI port	✗	Width	382 mm
VGA (D-Sub) ports quantity	1	Depth	256 mm
S/PDIF out port	✗	Height	25.8 mm
Microphone in	✗	Weight *	2.3 kg
Combo headphone/mic port	✓		

Ports & interfaces

Docking connector	×
ExpressCard slot	×
CardBus PCMCIA slot type	×
SmartCard slot	×



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