

ASUS Vivobook Max F541UJ-GO392T laptop Intel® Core™ i7 i7-7500U 39,6 cm (15.6") HD 12 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® 920M Wi-Fi 4 (802.11n) Windows 10 Home Black, Chocolate



Brand : ASUS

Product family: Vivobook

Product code: F541UJ-GO392T

Product name : F541UJ-GO392T

Intel Core i7-7500U (2.7GHz, 4M Cache), 12GB RAM, 1000GB HDD, Intel HD Graphics 620, Ethernet, WebCam, Windows 10

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Immersive sound. Powerful Performance.

ASUS F541UJ Series laptops are designed to give you a truly immersive multimedia experience. Powered by a 6th-generation Intel® Core™ processor, gaming-grade NVIDIA® GeForce® graphics, and exclusive SonicMaster audio incorporating ICEpower® technology, F541UJ Series gives you outstanding audiovisuals ever experienced on a laptop.

ASUS Vivobook Max F541UJ-GO392T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-7500U, Processor frequency: 2,7 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 12 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 620. Operating system installed: Windows 10 Home. Product colour: Black, Chocolate

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black, Chocolate	Numeric keypad *	✓
Form factor *	Clamshell	Full-size keyboard	✓
Display		Windows keys	✓
Display diagonal *	39,6 cm (15.6")	Software	
Display resolution *	1366 x 768 pixels	Operating system installed *	Windows 10 Home
Touchscreen *	✗	Processor special features	
HD type	HD	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor generation	7th gen Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✓
Processor model *	i7-7500U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✓
Processor boost frequency	3,5 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2,7 GHz	Intel® Insider™	✓
System bus rate	4 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	4 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket	BGA 1356	Intel Trusted Execution Technology	✗
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Kaby Lake		
Bus type	OPI		
Stepping	H0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2,9 GHz		

Processor		Processor special features	
Configurable TDP-up	25 W	Intel Enhanced Halt State	✓
Configurable TDP-down	7,5 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down frequency	0,8 GHz	Intel® Secure Key	✓
Tjunction	100 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel Stable Image Platform Program (SIPP)	✗
PCI Express slots version	3.0	Intel® OS Guard	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory		Intel 64	✓
Internal memory *	12 GB	Execute Disable Bit	✓
Internal memory type	DDR4-SDRAM	Idle States	✓
Memory clock speed	2133 MHz	Thermal Monitoring Technologies	✓
Memory slots	1x SO-DIMM	Processor package size	42 x 24 mm
Maximum internal memory *	16 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage		Processor code	SR2ZV
Total storage capacity *	1 TB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	14 nm
HDD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1,00
Compatible memory cards	SD, SDHC, SDXC	Intel Smart Response Technology version	1,00
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card model *	NVIDIA® GeForce® 920M	Intel Secure Key Technology version	1,00
Discrete graphics card memory	2 GB	Intel TSX-NI version	0,00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Processor ARK ID	95451
On-board graphics card model *	Intel® HD Graphics 620	Conflict-Free processor	✓
On-board graphics card base frequency	300 MHz	Battery	
On-board graphics card dynamic frequency (max)	1050 MHz	Number of battery cells	3
Maximum on-board graphics card memory	32 GB	Power	
On-board graphics card DirectX version	12.0	AC adapter frequency	50 - 60 Hz
On-board graphics card OpenGL version	4.4	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x5916	AC adapter output current	3,42 A
Audio		AC adapter output voltage	19 V
Audio system	SonicMaster	DC-in jack	✓
Built-in microphone	✓	Security	
Camera		Password protection	✓
Front camera	✓	Password protection type	BIOS, HDD, User
Network		Weight & dimensions	
Wi-Fi	✓	Width	381,4 mm
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Depth	251,5 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	27,6 mm
Ethernet LAN	✓	Weight *	2 kg
Ethernet LAN data rates	10,100 Mbit/s	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	1	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Power cord included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		

Ports & interfaces

DVI port	✘
VGA (D-Sub) ports quantity	1
Combo headphone/mic port	✔

Catalog Object Cloud



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