

ASUS F540UA-DM746T Intel® Core™ i3 i3-6006U Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1.13 TB HDD+SSD Wi-Fi 5 (802.11ac) Windows 10 Home Black, Chocolate



Brand : ASUS

Product code: 90NB0HF1-M08160

Product name : F540UA-DM746T

Intel Core i3-6006U (2GHz, 3M Cache), 8GB RAM, 1000GB HDD + 128GB SSD, Intel HD Graphics 520, WLAN 802.11, WebCam, Windows 10

ASUS F540UA-DM746T Intel® Core™ i3 i3-6006U Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1.13 TB HDD+SSD Wi-Fi 5 (802.11ac) Windows 10 Home Black, Chocolate:

Designed for Productivity and Entertainment

The ASUS F540 Series is powered by the Intel® processors to give you smooth and responsive computing performance. With NVIDIA® GeForce® 900 Series discrete graphics, an advanced onboard memory controller, up to 12GB RAM, and Windows 10, F540 is an ideal daily computing platform. ASUS F540UA-DM746T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor: i3-6006U, Processor frequency: 2 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1.13 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® HD Graphics 520. 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	Windows keys	✓
Display		Software	
Display diagonal *	39.6 cm (15.6")	Operating system installed *	Windows 10 Home
Display resolution *	1920 x 1080 pixels	Processor special features	
Touchscreen *	✗	Intel Wireless Display (WiDi) Technology	✓
HD type	Full HD	Intel My WiFi Technology	✓
LED backlight	✓	Intel® Smart Response Technology	✓
Native aspect ratio	16:9	Intel Identity Protection Technology	✓
Processor		Intel Hyper-Threading Technology	✓
Processor manufacturer *	Intel	Intel Turbo Boost Technology	✗
Processor family *	Intel® Core™ i3	Intel® Small Business Advantage (Intel® SBA)	✓
Processor generation	6th gen Intel® Core™ i3	Enhanced Intel SpeedStep Technology	✓
Processor *	i3-6006U	Intel Clear Video HD Technology	✓
Processor number of cores	2	Intel Clear Video Technology	✓
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor frequency *	2 GHz	Intel® Quick Sync Video Technology	✓
System bus data transfer rate	4 GT/s	Intel Flex Memory Access	✓
Processor cache	3 MB	Intel AES New Instructions	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1356	Intel Enhanced Halt State	✓
Processor lithography	14 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Intel® Secure Key	✓
Processor series	Intel Core i3-6000 Mobile Processor Series	Intel TSX-NI	✗
Processor codename	Skylake	Intel Stable Image Platform Program (SIPP)	✗
Bus type	OPI	Intel® OS Guard	✓
Stepping	D1		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	3.0		

Processor		Processor special features	
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	✗	Intel Clear Video Technology for MID	✓
Memory		Intel 64	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Internal memory type	DDR4-SDRAM	Idle States	✓
Memory clock speed	2133 MHz	Thermal Monitoring Technologies	✓
Memory form factor	On-board + SO-DIMM	Processor package size	42 x 24 mm
Memory, maximum *	12 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage		Processor code	SSSR2UW
Total storage capacity *	1.13 TB	CPU configuration (max)	1
Storage media *	HDD+SSD	Embedded options available	✗
Number of HDDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Hard drive capacity	1 TB	Intel Identity Protection Technology version	1.00
Number of SSDs installed	1	Intel Smart Response Technology version	1.00
Solid-state drive capacity	128 GB	Intel Stable Image Platform Program (SIPP) version	0.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	MicroSD (TransFlash)	Intel Small Business Advantage (SBA) version	1.00
Graphics		Intel TSX-NI version	0.00
Discrete graphics card model *	Not available	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	91157
Discrete graphics card *	✗	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 520	Number of battery cells	3
On-board graphics card base frequency	300 MHz	Battery capacity *	33 Wh
On-board graphics card dynamic frequency (max)	900 MHz	Power	
Maximum on-board graphics card memory	32 GB	AC adapter power	45 W
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	1916	AC adapter output current	2.47 A
Audio		AC adapter output voltage	19 V
Audio system	SonicMaster	Security	
Built-in microphone	✓	Trusted Platform Module (TPM)	✓
Camera		Password protection	✓
Front camera	✓	Password protection type	BIOS, HDD, User
Network		Weight & dimensions	
Wi-Fi	✓	Width	381 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Depth	251 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	27.2 mm
Ethernet LAN connection	✗	Weight *	1.9 kg
Bluetooth	✓	Ports & interfaces	
Bluetooth version	4.2	USB 2.0 ports quantity *	2
Ports & interfaces		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 2.0 ports quantity *	2	HDMI ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	VGA (D-Sub) ports quantity	1
HDMI ports quantity *	1	Combo headphone/mic port	✓
VGA (D-Sub) ports quantity	1		
Combo headphone/mic port	✓		

Catalog Object Cloud



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