

ASUS F556UQ-DM735T Intel® Core™ i5 i5-7200U Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 512 GB SSD NVIDIA® GeForce® 940MX Windows 10 Home Gold



Brand : ASUS

Product code: 90NB0BH3-M09260

Product name : F556UQ-DM735T

Intel Core i5-7200U (2.5GHz, 3MB Cache), 8GB RAM, 512GB SSD, Intel HD Graphics 620, NVIDIA GeForce 940MX, WLAN 802.11, Gigabit Ethernet, Windows 10

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Uncompromising Performance

ASUS F Series laptops are powered by the latest 6th-generation Intel Core i7 processor with up to 8GB RAM (expandable to 16GB), and NVIDIA GeForce GT 940 graphics. With Windows 10 preinstalled, F Series is ideal for daily computing and entertainment tasks. Users can opt for a 2TB hard disk, or upgrade to a solid-state disk for faster data access speeds.

Design		Ports & interfaces	
Product type *	Laptop	Combo headphone/mic port	✓
Product colour *	Gold	Docking connector	✗
Form factor *	Clamshell	Keyboard	
Display		Pointing device	Touchpad
Display diagonal *	39.6 cm (15.6")	Numeric keypad *	✓
Display resolution *	1920 x 1080 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	Full HD	Operating system installed *	Windows 10 Home
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 Response Technology	✓
Processor family *	Intel® Core™ i5	Intel Identity Protection Technology	✓
Processor generation	7th gen Intel® Core™ i5	Intel Hyper-Threading Technology	✓
Processor *	i5-7200U	Intel Turbo Boost Technology	2.0
Processor number of cores	2	Intel® Small Business Advantage (Intel® SBA)	✓
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3.1 GHz	Intel Clear Video HD Technology	✓
Processor frequency *	2.5 GHz	Intel Clear Video Technology	✓
System bus data transfer rate	4 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	3 MB	Intel® Insider™	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1356	Intel Flex Memory Access	✓
Processor lithography	14 nm	Intel AES New Instructions	✓
Processor operating modes	64-bit	Intel Trusted Execution Technology	✗
Processor codename	Kaby Lake	Intel Enhanced Halt State	✓
Bus type	OPI	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	H0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2.7 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	7.5 W		
Configurable TDP-down frequency	0.8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel® Secure Key	✓
Maximum number of PCI Express lanes	12	Intel TSX-NI	✗
PCI Express slots version	3.0	Intel Stable Image Platform Program (SIPP)	✗
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel® OS Guard	✓
ECC supported by processor	✗	Intel Software Guard Extensions (Intel SGX)	✓
Memory		Intel Clear Video Technology for MID	✓
Internal memory *	8 GB	Intel 64	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory clock speed	2133 MHz	Idle States	✓
Memory slots	1x SO-DIMM	Thermal Monitoring Technologies	✓
Memory, maximum *	16 GB	Processor package size	42 x 24 mm
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	512 GB	Processor code	SR2ZU
Storage media *	SSD	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	SD, SDHC, SDXC	Graphics & IMC lithography	14 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	NVIDIA® GeForce® 940MX	Intel Identity Protection Technology version	1.00
On-board graphics card *	✓	Intel Smart Response Technology version	1.00
Discrete graphics card *	✓	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card family	Intel® HD Graphics	Intel Secure Key Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 620	Intel TSX-NI version	0.00
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1000 MHz	Processor ARK ID	95443
Maximum on-board graphics card memory	32 GB	Conflict-Free processor	✓
On-board graphics card DirectX version	12.0	Battery	
On-board graphics card OpenGL version	4.4	Battery technology	Lithium Polymer (LiPo)
On-board graphics card ID	0x5916	Number of battery cells	2
Audio		Battery capacity *	38 Wh
Built-in microphone	✓	Power	
Camera		AC adapter power	65 W
Front camera	✓	AC adapter frequency	50 - 60 Hz
Network		AC adapter input voltage	100 - 240 V
Wi-Fi	✓	AC adapter output current	3.42 A
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC adapter output voltage	19 V
Ethernet LAN connection	✓	DC-in jack	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Security	
Bluetooth	✓	Cable lock slot	✓
Bluetooth version	4.0	Cable lock slot type	Kensington
Ports & interfaces		Password protection	✓
USB 2.0 ports quantity *	1	Password protection type	BIOS, HDD, User
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Width	382 mm
Ethernet LAN (RJ-45) ports	1	Depth	258 mm
HDMI ports quantity *	1	Height	25.5 mm
DVI port	✗	Weight *	2.3 kg
VGA (D-Sub) ports quantity	1		

Catalog Object Cloud



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