

ASUS Vivobook Max X541UA-GQ622T Intel® Core™ i5 i5-7200U Laptop 39.6 cm (15.6") HD 8 GB DDR4-SDRAM 1 TB HDD Wi-Fi 4 (802.11n) Windows 10 Home Black, Chocolate

Brand : ASUS

Product family: Vivobook

Product code: 90NB0CF1-M08400

Product name : X541UA-GQ622T

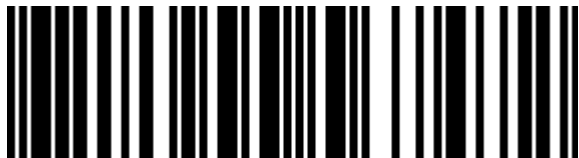
Intel Core i5-7200U (3M Cache, up to 3.10 GHz), 8GB SDRAM, 1TB HDD, DVD+/-RW, Intel HD Graphics 620, 15.6" HD (1366 x 768), Ethernet, Bluetooth 4.0, 802.11 b/g/n, Webcam, Windows 10 Home 64-bit ASUS Vivobook Max X541UA-GQ622T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-7200U, Processor frequency: 2.5 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 10 Home. Product colour: Black, Chocolate



Design		Ports & interfaces	
Product type *	Laptop	Combo headphone/mic port	✓
Product colour *	Black, Chocolate	Docking connector	✗
Form factor *	Clamshell	Keyboard	
Display		Pointing device	Touchpad
Display diagonal *	39.6 cm (15.6")	Numeric keypad *	✓
Display resolution *	1366 x 768 pixels	Full-size keyboard	✓
HD type	HD	Windows keys	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 10 Home
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i5	Intel® Wireless Display (Intel® WiDi)	✓
Processor generation	7th gen Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i5-7200U	Intel® Smart Response Technology	✓
Processor cores	2	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3.1 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	2.5 GHz	Intel® Small Business Advantage (Intel® SBA)	✓
System bus rate	4 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✓
Processor socket	BGA 1356		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Kaby Lake		
Bus type	QPI		
Stepping	H0		
Thermal Design Power (TDP)	15 W		

Processor		Processor special features	
Configurable TDP-up frequency	2.7 GHz	Intel® InTru™ 3D Technology	✓
Configurable TDP-up	25 W	Intel® Insider™	✓
Configurable TDP-down	7.5 W	Intel® Quick Sync Video Technology	✓
Configurable TDP-down frequency	0.8 GHz	Intel Flex Memory Access	✓
Tjunction	100 °C	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	12	Intel Trusted Execution Technology	✗
PCI Express slots version	3.0	Intel Enhanced Halt State	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Internal memory *	8 GB	Intel Stable Image Platform Program (SIPP)	✗
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory form factor	SO-DIMM	Intel Software Guard Extensions (Intel SGX)	✓
Memory layout (slots x size)	1 x 8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory slots	1x SO-DIMM	Intel 64	✓
Maximum internal memory *	16 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	42 x 24 mm
Number of HDDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD capacity	1 TB	Processor code	SR2ZU
HDD interface	SATA	CPU configuration (max)	1
HDD speed	5400 RPM	Embedded options available	✗
HDD size	2.5"	Graphics & IMC lithography	14 nm
Optical drive type *	DVD±RW	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 *	Not available	Intel Secure Key Technology version	1.00
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	Processor ARK ID	95443
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)	1000 MHz	Number of battery cells	3
Maximum on-board graphics card memory	32 GB	Battery capacity *	36 Wh
On-board graphics card DirectX version	12.0	Power	
On-board graphics card OpenGL version	4.4	AC adapter power	45 W
On-board graphics card ID	0x5916	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio system	SonicMaster	AC adapter output current	2.47 A
Speaker power	3 W	AC adapter output voltage	19 V
Built-in microphone	✓	DC-in jack	✓
Camera		Security	
Front camera	✓	Password protection	✓
Front camera resolution (numeric)	0.3 MP	Password protection type	BIOS, Supervisor, User
Front camera resolution	640 x 480 pixels	Weight & dimensions	
Network		Width	381.4 mm
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)		
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ethernet LAN	✓		

Network		Weight & dimensions	
Ethernet LAN data rates	10,100 Mbit/s	Depth	251.5 mm
Bluetooth	✓	Height	27.6 mm
Bluetooth version	4.0	Weight *	2 kg
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	1	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Power cord included	✓
Ethernet LAN (RJ-45) ports	1	Other features	
HDMI ports quantity *	1	Maximum internal memory (64-bit)	16 GB
DVI port	✗		
VGA (D-Sub) ports quantity	1		



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Catalog Object Cloud



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