

ASUS X540MA-GQ346T laptop Intel® Celeron® N4000 39,6 cm (15.6") HD 8 GB LPDDR4-SDRAM 1 TB HDD Wi-Fi 4 (802.11n) Windows 10 Home Black, Chocolate



Brand : ASUS

Product code: X540MA-GQ346T

Product name : X540MA-GQ346T

- Windows 10 Home
- Intel Celeron N N4000 (4MB Cache, 1.1GHz)
- 39.6 cm (15.6") HD 1366 x 768
- 8GB (2400MHz) LPDDR4-SDRAM & 1000GB HDD

Intel Celeron N N4000 (4MB Cache, 1.1GHz), 8GB LPDDR4-SDRAM, 1000GB HDD, 39.6 cm (15.6") HD 1366 x 768, DVD Super Multi, Intel UHD Graphics 600, WLAN, Webcam, Windows 10 Home

ASUS X540MA-GQ346T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Celeron®, Processor model: N4000, Processor frequency: 1,1 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: LPDDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 10 Home. Product colour: Black, Chocolate

Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Product colour *	Black, Chocolate	HDMI ports quantity *	1
Form factor *	Clamshell	Combo headphone/mic port	✓
Display		ExpressCard slot	✗
Display diagonal *	39,6 cm (15.6")	SmartCard slot	✗
Display resolution *	1366 x 768 pixels	Performance	
Touchscreen *	✗	Repairability index	6.4
HD type	HD	Keyboard	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:9	Numeric keypad *	✓
Maximum refresh rate	60 Hz	Windows keys	✓
NTSC coverage (typical)	45%	Software	
Processor		Operating system installed *	Windows 10 Home
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Celeron®	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor model *	N4000	Intel® Smart Response Technology	✗
Processor cores	2	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor boost frequency	2,6 GHz	Intel® Turbo Boost Technology	✗
Processor frequency *	1,1 GHz	Enhanced Intel SpeedStep Technology	✓
Processor cache	4 MB	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1090	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography	14 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor codename	Gemini Lake	Intel® Secure Key	✓
Thermal Design Power (TDP)	6 W	Intel® OS Guard	✓
Scenario Design Power (SDP)	4,8 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	6		
PCI Express slots version	2.0		
PCI Express configurations	1x2, 1x2+2x1, 1x4, 2x1, 4x1		

Memory		Processor special features	
Internal memory *	8 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	LPDDR4-SDRAM	Intel 64	✓
Memory clock speed	2400 MHz	Execute Disable Bit	✓
Memory form factor	On-board	Idle States	✓
Maximum internal memory *	8 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	25 x 24 mm
Total storage capacity *	1 TB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Total HDDs capacity	1 TB	UART	✓
Number of HDDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD capacity	1 TB	Intel Identity Protection Technology version	1,00
Optical drive type *	DVD Super Multi	Intel Smart Response Technology version	0,00
Card reader integrated	✓	Intel Secure Key Technology version	1,00
Compatible memory cards	MicroSD (TransFlash)	Intel Virtualization Technology (VT-x)	✓
Graphics		Processor ARK ID	128988
Discrete graphics card model *	Not available	Conflict-Free processor	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✗	Number of battery cells	3
On-board graphics card family	Intel® UHD Graphics	Battery capacity *	33 Wh
On-board graphics card model *	Intel® UHD Graphics 600	Power	
On-board graphics card base frequency	200 MHz	AC adapter power	33 W
On-board graphics card burst frequency	650 MHz	AC adapter frequency	50 - 60 Hz
On-board graphics card dynamic frequency (max)	650 MHz	AC adapter input voltage	100 - 240 V
Maximum on-board graphics card memory	8 GB	AC adapter output current	1,75 A
Number of execution units	12	AC adapter output voltage	19 V
On-board graphics card DirectX version	12.0	Security	
On-board graphics card ID	0x3185	Cable lock slot	✓
Audio		Password protection	✓
Audio system	SonicMaster	Password protection type	BIOS, User
Speaker power	2 W	Weight & dimensions	
Built-in microphone	✓	Width	381 mm
Camera		Depth	251 mm
Front camera	✓	Height	27,2 mm
Network		Weight *	1,9 kg
Wi-Fi	✓	Logistics data	
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Harmonized System (HS) code	84713000
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ports & interfaces			
USB 2.0 ports quantity *	2		

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