ASUS

ASUS X509 Intel® Celeron® N4020 Laptop 39.6 cm (15.6") HD 4 GB DDR4-SDRAM 500 GB HDD Wi-Fi 5 (802.11ac) Windows 10 Home Grey

Brand : ASUS

Product name : X509

Product code: X509MA-CEL4G500WH-01

15.6" HD, Intel Celeron N4020 1.10GHz, 4GB, 500GB, Windows 10 Home 64-bit
ASUS X509. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Celeron®, Processor: N4020, Processor frequency: 1.1 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® UHD Graphics 600. Operating system installed: Windows 10 Home. Product colour: Grey

Design

Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Market positioning	Home

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touch screen *	✘
HD type	HD
LED backlight	✔
Native aspect ratio	16:9
Maximum refresh rate	60 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor *	N4020
Processor number of cores	2
Processor boost frequency	2.8 GHz
Processor frequency *	1.1 GHz
Processor cache	4 MB

Memory

Internal memory *	4 GB
Internal memory type	DDR4-SDRAM
Memory slots	1x SO-DIMM

Storage

Total storage capacity *	500 GB
Storage media *	HDD

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✔

Performance

Repairability index	6.6

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔

Software

Operating system installed *	Windows 10 Home

Processor special features

Enhanced Intel SpeedStep Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
CPU configuration (max)	1
Embedded options available	✘

Storage

Total HDDs capacity	500 GB
Hard drive capacity	500 GB
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card model *	Intel® UHD Graphics 600

Audio

Audio system	SonicMaster
Built-in microphone	✔

Camera

Front camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Mobile network connection *	✘
Antenna type	1x1
Ethernet LAN connection	✘
Bluetooth	✔
Bluetooth version	4.1

Processor special features

Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	2
Battery capacity *	32 Wh

Energy Management

AC adapter power	33 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	1.75 A
AC adapter output voltage	19 V
DC-in jack	✔

Security

Cable lock slot	✔
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, User

Weight & Dimensions

Width	360.2 mm
Depth	234.9 mm
Height	22.9 mm
Weight *	1.9 kg

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