ASUS X551MAV-MB01-B □□□□□□□□□□ Intel® Celeron® N2830 □□□□□□□□□□/□□□□□□□□□□ 39,6 cm (15.6") HD 4 GB DDR3-SDRAM 500 GB □□□□□□□ Windows 8.1 □□□□□

Brand : ASUS

Product code: X551MAV-MB01-B

Product name : X551MAV-MB01-B

Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✗
HD type	HD
LED backlight	✓
Native aspect ratio	16:9
Display surface	Gloss

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor model *	N2830
Processor cores	2
Processor threads	2
Processor boost frequency	2.41 GHz
Processor frequency *	2.16 GHz
Processor cache	1 MB
Processor cache type	L2
Processor socket	BGA 1170
Processor lithography	22 nm
Processor operating modes	32-bit, 64-bit
Processor series	Intel Celeron Processor N2000 Series for Mobile
Processor codename	Bay Trail
FSB Parity	✗

Processor special features	
Intel® Wireless Display (Intel® WiDi)	✓
Intel® My WiFi Technology (Intel® MWT)	✗
Intel Smart Connect Technology	✓
Intel® Anti-Theft Technology (Intel® AT)	✗
Intel® Identity Protection Technology (Intel® IPT)	✗
Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® Turbo Boost Technology	✗
Enhanced Intel SpeedStep Technology	✓
Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✗
Intel® Insider™	✗
Intel® Quick Sync Video Technology	✓
Intel Flex Memory Access	✗
Intel® AES New Instructions (Intel® AES-NI)	✗
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✓
Intel VT-x with Extended Page Tables (EPT)	✗
Intel Demand Based Switching	✗
Intel® Secure Key	✓

Processor	
Stepping	C0
Thermal Design Power (TDP)	7.5 W
Scenario Design Power (SDP)	4.5 W
Tjunction	100 °C
Maximum number of PCI Express lanes	4
PCI Express slots version	2.0
PCI Express configurations	1x4
ECC supported by processor	✗

Memory	
Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Maximum internal memory *	4 GB

Storage	
Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
HDD speed	5400 RPM
Optical drive type *	DVD Super Multi
Card reader integrated	✓
Compatible memory cards	MMC, SD

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
Discrete graphics card *	✗
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	313 MHz
On-board graphics card burst frequency	750 MHz
On-board graphics card dynamic frequency (max)	750 MHz

Audio	
Audio system	SonicMaster
Built-in microphone	✓

Camera	
Front camera	✓

Network	
Wi-Fi	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✗

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✗
S/PDIF out port	✗
Microphone in	✗
Combo headphone/mic port	✓
Docking connector	✗

Processor special features	
Intel Stable Image Platform Program (SIPP)	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Intel 64	✓
Execute Disable Bit	✓
Idle States	✓
Thermal Monitoring Technologies	✗
Processor package size	25 x 27 mm
Processor code	SR1W4
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Smart Connect Technology version	1.00
Intel Identity Protection Technology version	0.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✓
Intel Dual Display Capable Technology	✗
Intel FDI Technology	✗
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✗
Processor ARK ID	81071
Conflict-Free processor	✓

Battery	
Number of battery cells	3
Battery capacity	3000 mAh
Battery capacity *	33 Wh

Power	
AC adapter power	33 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	1.73 A
AC adapter output voltage	19 V
DC-in jack	✓

Security	
Cable lock slot	✓
Cable lock slot type	Kensington

Certificates	
Compliance certificates	RoHS
Certification	UL, CE Marking Compliance, FCC Compliance, BSMI, CCC, CB, EPEAT, Energy star, CECP, RoHS, JATE

Sustainability	
Sustainability certificates	ENERGY STAR

Weight & dimensions	
Width	380 mm
Depth	251 mm
Height (front)	3.09 cm
Height (rear)	3.66 cm
Weight *	2.15 kg

Ports & interfaces	
ExpressCard slot	✕
CardBus PCMCIA slot type	✕
SmartCard slot	✕
Total number of SATA connectors	2

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Windows keys	✔

Software	
Operating system installed *	Windows 8.1

Other features	
Intel® Virtualization Technology (Intel® VT)	VT-x

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