

ASUS Vivobook 16 M1607KA-MB058W AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Home German Silver

Brand : ASUS

Product family: Vivobook

Product code: 90NB15F2-M004L0

Product name : M1607KA-MB058W



- Windows 11 Home 64-bit
- AMD Ryzen AI 7 350 (2GHz)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level
- 16GB DDR5-SDRAM & 1000GB SSD

AMD Ryzen AI 7 350 (2GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 860M, WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Vivobook 16

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More intelligent

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Design		Camera	
Colour name	Cool Silver	Front camera HD type	Full HD
Product type *	Laptop	Infrared (IR) camera	✓
Product colour *	Silver	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Housing material	Plastic	Network	
Market positioning	Home	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	✗	Bluetooth	✓
HD type	WUXGA	Bluetooth version	5.3
Panel type	IPS-Level	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m²	HDMI version	2.1
Display diagonal (metric)	40.6 cm	Combo headphone/mic port	✓
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	45%	Performance	
Processor		Repairability index	9.2
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ AI 7	Pointing device	Touchpad
Processor generation	AMD Ryzen AI 300 Series	Numeric keypad *	✓
Processor model *	350		
Processor cores	8		
Processor threads	16		
Processor boost frequency	5 GHz		

Processor		Keyboard	
Processor frequency *	2 GHz	Keyboard backlight	✓
Processor cache type	L2 & L3	Keyboard layout	QWERTZ
L3 cache	16 MB	Keyboard language	German
L2 cache	8 MB	Software	
Neural processor unit (NPU)		Operating system architecture	64-bit
Neural processor unit (NPU)	AMD Ryzen AI	Microsoft Copilot	✓
Total processor performance up to	66 TOPs	Trial software	Microsoft 365 30 days free trial
NPU performance up to	50 TOPs	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR5-SDRAM	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	42 Wh
Memory slots	1x SO-DIMM	Power	
Maximum internal memory *	32 GB	AC adapter power	65 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	3.25 A
Total SSDs capacity	1 TB	AC adapter output voltage	20 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2280 (22 x 80 mm)	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, User
Graphics		Weight & dimensions	
Discrete graphics card model *	Not available	Width	357 mm
On-board graphics card *	✓	Depth	250.6 mm
On-board GPU manufacturer	AMD	Height (front)	1.79 cm
Discrete graphics card *	✗	Height (rear)	1.99 cm
On-board graphics card family	AMD Radeon	Weight *	1.88 kg
On-board graphics card model *	AMD Radeon 860M	Packaging data	
Audio		Package width	488 mm
Audio system	SonicMaster	Package depth	65 mm
Built-in microphone	✓	Package height	310 mm
Camera		Package weight	2.13 kg
Front camera	✓	Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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