

ASUS Vivobook 16 P1600EA-MB148X Intel® Core™ i5 i5-1135G7 Laptop 40,6 cm (16") WUXGA 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Pro Silver

Brand : ASUS

Product family: Vivobook

Article code: 90NB0ZE2-M007C0

Product name : P1600EA-MB148X

ASUS Vivobook 16 P1600EA-MB148X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1135G7. Display diagonal: 40,6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product color: Silver. Weight: 1,88 kg



Design		Network	
Colour name	Transparent Silver	Wi-Fi standards	Wi-Fi 5 (802.11ac)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Silver	Antenna type	1x1
Form factor *	Clamshell	Ethernet LAN	✗
Housing material	Plastic	Bluetooth	✓
Display		Bluetooth version	4.1
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 2.0 ports quantity *	1
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Panel type	IPS	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	1.4
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	300 cd/m²	Charging port type	DC-in jack
RGB colour space	NTSC	Performance	
Colour gamut	45%	Repairability index	5.9
Maximum refresh rate	60 Hz	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor family *	Intel® Core™ i5	Software	
Processor generation	11th gen Intel® Core™ i5	Operating system architecture	64-bit
Processor model *	i5-1135G7	Operating system installed *	Windows 11 Pro
Processor cores	4	Processor special features	
Processor boost frequency	4.2 GHz	Intel Trusted Execution Technology	✗
Processor cache	8 MB		
Configurable TDP-up frequency	2.4 GHz		
Configurable TDP-up	28 W		
Configurable TDP-down	12 W		

Processor		Processor special features	
Configurable TDP-down frequency	0.9 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Stable Image Platform Program (SIPP)	✗
Internal memory *	8 GB	Intel Software Guard Extensions (Intel SGX)	✗
Internal memory type	DDR4-SDRAM	Idle States	✓
Memory slots	1x SO-DIMM	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Virtualization Technology (VT-x)	✓
Total SSDs capacity	512 GB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	512 GB	Number of battery cells	3
SSD interface	PCI Express 3.0	Battery capacity *	42 Wh
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	45 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	2.37 A
Discrete graphics card model *	Not available	AC adapter output voltage	19 V
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Fingerprint reader	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
Audio		Password protection type	BIOS, User
Audio system	SonicMaster	Weight & dimensions	
Built-in microphone	✓	Width	360 mm
Camera		Depth	249 mm
Front camera	✓	Height	19.9 mm
Front camera HD type	HD	Weight *	1.88 kg
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		



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