

## ASUS ExpertBook P1 P1503CVA-H516512-CA Intel® Core™ i5 i5-13420H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Grey

**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX0881-M015R0

**Product name :** P1503CVA-H516512-CA

- Windows 11 Home 64-bit
  - Intel Core i5-13420H (12MB Cache)
  - 39.6 cm (15.6") Full HD 1920 x 1080 TN
  - 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
- Intel Core i5-13420H (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 TN, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ExpertBook P1 P1503CVA-H516512-CA Intel® Core™ i5 i5-13420H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Grey:

### Elevate your efficiency, anywhere

The compact and elegant ASUS ExpertBook P1 weighs a mere 1.6 kg1 with a breathtaking new design, and features exceptional efficiency to supercharge your productivity — empowered by the all-new ASUS AI ExpertMeet2 tool. It's engineered to deliver superb performance powered by an up to 13th Gen Intel® Core™ i7 processor and packs up to 1TB capacity with dual-SSD RAID support for improved data reliability or faster operation. ASUS ExpertBook P1 is also engineered to protect your privacy and business data via a built-in fingerprint sensor and integrated TPM 2.0 chip6 — your reliable, trusted traveling companion, ready to complete every task on time.



Design		Audio	
Colour name	Misty Grey	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Grey	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Market positioning	Work	Front camera HD type	HD
Introduction year	2024	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	39.6 cm (15.6")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	Full HD	Mobile network connection *	✓
Panel type	TN	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	250 cd/m²	Bluetooth version	5.0
RGB colour space	NTSC	Ports & interfaces	
Colour gamut	45%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i5	HDMI ports quantity *	1
Processor generation	13th gen Intel® Core™ i5	HDMI version	1.4
Processor model *	i5-13420H	Combo headphone/mic port	✓
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	12		
Processor boost frequency	4.6 GHz		
Performance cores	4		
Efficient cores	4		

Processor		Keyboard	
Performance-core Max Turbo Frequency	4.6 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	3.4 GHz	Numeric keypad *	✓
Processor cache	12 MB	Spill-resistant keyboard	✓
Processor cache type	Smart Cache	Software	
Processor base power	45 W	Operating system architecture	64-bit
Maximum turbo power	115 W	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	SO-DIMM	Battery capacity *	50 Wh
Memory layout (slots x size)	1 x 16 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	65 W
Maximum internal memory *	64 GB	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	AC adapter output current	3.25 A
Storage media *	SSD	AC adapter output voltage	20 V
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Fingerprint reader	✓
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
Card reader integrated	✗	Password protection type	BIOS, HDD, User
Graphics		Certificates	
Discrete graphics card model *	Not available	Compliance certificates	REACH
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	Intel	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Recycled
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width	359.5 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	232.2 mm
Audio		Height	19.9 mm
Audio system	Dirac	Packaging content	
		AC adapter included *	✓

## Catalog Object Cloud



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