DELL

DELL Pro 13 Plus PB13255 AMD Ryzen AI 5 340 Laptop 33.8 cm (13.3") Touchscreen Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium

Brand : DELL   **Product family:** Pro   **Product code:** MD63X

Product name : PB13255

- Windows 11 Pro 64-bit
- AMD Ryzen AI 5 340 (3.4GHz)
- 33.8 cm (13.3") Full HD+ 1920 x 1200 IPS Touch
- 16GB LPDDR5x-SDRAM & 512GB SSD
AMD Ryzen AI 5 340 (3.4GHz), 16GB LPDDR5x-SDRAM, 512GB SSD, 33.8 cm (13.3") Full HD+ 1920 x 1200 IPS Touch, AMD Radeon 840M, WLAN, Webcam, Windows 11 Pro 64-bit

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13-inch laptop or 2-in-1 with up to AMD Ryzen™ AI PRO 300 Series processors offering a built-in AI chip for long-lasting battery life in a sleek and durable design.
DELL Pro 13 Plus PB13255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 5, Processor model: 340, Processor frequency: 3.4 GHz. Display diagonal: 33.8 cm (13.3"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. Operating system installed: Windows 11 Pro. Product colour: Aluminium

Design

Product type *	Laptop
Product colour *	Aluminium
Form factor *	Clamshell
Housing material	Aluminium

Display

Display diagonal *	33.8 cm (13.3")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✔
HD type	Full HD+
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	300 cd/m²
Pixel density	170 ppi
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	900:1

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen AI 5
Processor model *	340
Processor cores	6
Processor threads	12
Processor boost frequency	4.8 GHz
Processor frequency *	3.4 GHz
L3 cache	16 MB
L2 cache	6 MB
Processor base power	15 W
Maximum turbo power	54 W

Network

Mobile network connection *	✘
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Antenna type	2x2
WLAN controller model	MediaTek MT7925
WLAN controller manufacturer	MediaTek
Bluetooth	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
PowerShare	✔
Number of USB ports with PowerShare support	1

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔
Copilot key	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Battery

Number of battery cells	3
Battery capacity *	55 Wh
Battery voltage	11.7 V

Neural processor unit (NPU)

Neural processor unit (NPU)	AMD Ryzen AI
Total processor performance up to	59 TOPs
NPU performance up to	50 TOPs

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	16 GB
Memory data transfer rate	7500 MT/s

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	AMD Radeon 840M

Audio

Audio chip	Realtek ALC3329
Number of built-in speakers	2
Speaker power	2.5 W
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution (numeric)	2.07 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Video capturing speed	30 fps

Network

Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)

Battery

Battery recharge time	4 h
Fast charging	✔
Battery weight	220 g

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	45 W
USB Type-C required charging power (max) *	65 W
USB Power Delivery (USB PD)	✔
USB charging voltage	5,9,15,20 V

Security

Cable lock slot	✔
Cable lock slot type	Wedge
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G
Non-operating vibration	1.3 G

Weight & dimensions

Width	300 mm
Depth	215 mm
Height	19.8 mm
Weight *	1.26 kg

Packaging content

AC adapter included *	✔

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