



DELL 16 Premium DA16250 Intel Core Ultra 7 255HX Laptop 41.4 cm (16.3") WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 7 (802.11be) Windows 11 Pro English Platinum

Brand : DELL

Product family: 16 Premium

Product code: 4T6JY

Product name : DA16250

DELL 16 Premium DA16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255HX. Display diagonal: 41.4 cm (16.3"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5060. Operating system installed: Windows 11 Pro. Product colour: Platinum



Design		Camera	
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Platinum	Video capturing speed	30 fps
Form factor *	Clamshell	Infrared (IR) camera	✓
Display		Network	
Display diagonal *	41.4 cm (16.3")	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display resolution *	1920 x 1200 pixels		802.11a, Wi-Fi 5 (802.11ac), Wi-Fi 7 (802.11be), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)
Touchscreen *	✗	Wi-Fi standards	
HD type	WUXGA	Mobile network connection *	✗
Panel type	WVA	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Native aspect ratio	16:10	Wi-Fi data rate (max)	5800 Mbit/s
Anti-glare screen	✓	Antenna type	2x2
Display bezel technology	InfinityEdge	WLAN controller model	Intel Wi-Fi 7 BE201
Display brightness	500 cd/m²	WLAN controller manufacturer	Intel
Pixel density	139 ppi	Ethernet LAN	✗
Colour gamut	100%	Bluetooth	✓
Low Blue Light technology	✓	Ports & interfaces	
Display response rise/fall	35 ms	Thunderbolt 4 ports quantity	3
Maximum refresh rate	120 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	2000:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel Core Ultra 7	Motherboard chipset	Intel SoC
Processor generation	Intel Core Ultra (Series 2)	Ambient light sensor	✓
Processor model *	255HX	Keyboard	
Processor cores	20	Pointing device	Touchpad
Processor threads	20	Numeric keypad *	✗
Processor boost frequency	5.2 GHz	Keyboard backlit	✓
Performance cores	8	Keyboard language	English
Efficient cores	12		
Performance-core Max Turbo Frequency	5.2 GHz		
Efficient-core Max Turbo Frequency	4.5 GHz		

Processor		Software	
Performance-core base frequency	2.4 GHz	Operating system architecture	64-bit
Efficient-core base frequency	1.8 GHz	Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Processor cache	30 MB	Operating system installed *	Windows 11 Pro
Processor base power	55 W	Processor special features	
Maximum turbo power	160 W	Intel® Evo™ Platform Verified	✓
Neural processor unit (NPU)		Brand-specific features	
Neural processor unit (NPU)	Intel AI Boost	Brand specific technologies	Express Charge Boost capable
Sparsity support	✓	Battery	
Windows Studio effects support	✓	Battery technology	Lithium-Ion (Li-Ion)
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Number of battery cells	6
Total processor performance up to	33 TOPs	Battery capacity *	99.5 Wh
NPU performance up to	13 TOPs	Battery voltage	11.7 V
GPU performance up to	8 TOPs	Battery recharge time	2 h
Memory		Fast charging	✓
Internal memory *	32 GB	Battery weight	380 g
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter power	130 W
Maximum internal memory *	32 GB	AC adapter frequency	50/60 Hz
Memory channels	Dual-channel	AC adapter input voltage	100 - 240 V
Memory data transfer rate	7467 MT/s	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	45 W
Total storage capacity *	1 TB	USB Type-C required charging power (max) *	130 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	USB charging voltage	20,5,9,15 V
Number of SSDs installed	1	USB charging current	3 A
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	✓	Operating relative humidity (H-H)	10 - 90%
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete GPU manufacturer	NVIDIA	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Operating shock	110 G
Discrete graphics card memory	8 GB	Non-operating shock	160 G
Discrete graphics memory type	GDDR7	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	358.2 mm
On-board graphics card family	Intel® Graphics	Depth	240.1 mm
On-board graphics card model *	Intel® Graphics	Height (front)	6.64 mm
Audio		Height (rear)	1.87 cm
Audio chip	Cirrus Logic CS42L43	Weight *	2.29 kg
Audio system	MaxxAudio Pro	Carbon footprint	
Number of built-in speakers	4	Total carbon footprint (kg of CO2e)	364
Speakers manufacturer	Waves	Total carbon emissions, standard deviation (kg of CO2e)	66
Built-in microphone	✓	Carbon emissions, manufacturing (kg of CO2e)	294.112
Camera		Carbon emissions, logistics (kg of CO2e)	18.564
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	49.14
Front camera resolution (numeric)	2.07 MP		
Front camera resolution	1920 x 1080 pixels		

Carbon footprint

Carbon emissions, end-of-life (kg of CO2e)	2.18
PAIA version	PAIA 1.4.7, 2025

Packaging content

AC adapter included *	✓
-----------------------	---



5397184967065

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.