

Alienware AC16250 Intel Core 7 240H Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 7 (802.11be) Windows 11 Home UK English Indigo

Brand : Alienware

Product code: 39J4J

Product name : AC16250



- Windows 11 Home 64-bit
 - Intel Core 7 240H (24MB Cache)
 - 40.6 cm (16") WQXGA 2560 x 1600 WVA, NVIDIA GeForce RTX 4050 (6GB GDDR6)
 - 16GB DDR5-SDRAM (2 x 8) & 1000GB SSD
- Intel Core 7 240H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 WVA, Intel Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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Pure performance. No distractions.

Must-have gaming performance in a stunning, streamlined design featuring Intel® Core™ processors (Series 2), a WQXGA 120Hz 300 nits display and a stylish anodised aluminium lid.

Design		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Indigo	Front camera resolution (numeric)	0.92 MP
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Market positioning	Gaming	Front camera HD type	HD
		Video capturing speed	30 fps
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display resolution *	2560 x 1600 pixels	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)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WQXGA	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Panel type	WVA	Wi-Fi data rate (max)	2882 Mbit/s
Display technology marketing name	ComfortView Plus	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	MediaTek MT7925
Anti-glare screen	✓	WLAN controller manufacturer	MediaTek
Display brightness	300 cd/m ²	Ethernet LAN	✓
Pixel density	189 ppi	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	sRGB	Bluetooth	✓
Colour gamut	100%	MIMO	✓
Low Blue Light technology	✓	MIMO type	Multi User MIMO
Maximum refresh rate	120 Hz	Ports & interfaces	
Contrast ratio (typical)	1000:1	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 7	HDMI ports quantity *	1
Processor generation	Intel Core (Series 2)	HDMI version	2.1
Processor model *	240H	Combo headphone/mic port	✓
Processor cores	10	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	16		
Processor boost frequency	5.2 GHz		
Performance cores	6		
Efficient cores	4		

Processor		Keyboard	
Performance-core Max Turbo Frequency	5.2 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	4 GHz	Numeric keypad *	✓
Performance-core base frequency	2.5 GHz	Keyboard backlit	✓
Efficient-core base frequency	1.8 GHz	Keyboard backlit colour	White
Processor cache	24 MB	Keyboard language	UK English
Processor cache type	Smart Cache	Software	
Processor base power	45 W	Operating system architecture	64-bit
Maximum turbo power	115 W	Trial software	McAfee + Premium 1-year,Activate Your Microsoft 365 For A 30 Day Trial
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Number of battery cells	6
Memory layout (slots x size)	2x 8 GB	Battery capacity *	96 Wh
Memory slots	2x SO-DIMM	Battery voltage	11.7 V
Maximum internal memory *	16 GB	Battery recharge time	3 h
Memory data transfer rate	5600 MT/s	Fast charging	✓
Storage		Battery charge indicator	✓
Total storage capacity *	1 TB	Battery weight	351 g
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	130 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output voltage	19.5 V
NVMe	✓	DC-in jack	✓
SSD form factor	M.2	USB Type-C charging port *	✓
M.2 SSD size	2230 (22 x 30 mm)	USB Type-C required charging power (min) *	90 W
Optical drive type *	✗	USB Type-C required charging power (max) *	100 W
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Operational conditions	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card memory	6 GB	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics memory type	GDDR6	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel® Graphics	Operating shock	140 G
On-board graphics card model *	Intel® Graphics	Operating vibration	0.66 G
Audio		Weight & dimensions	
Audio chip	Realtek ALC3204	Width	357 mm
Audio system	High Definition Audio	Depth	265.4 mm
Number of built-in speakers	2	Height (front)	1.86 cm
Speaker power	2.5 W	Height (rear)	1.52 cm
Built-in microphone	✓	Weight *	2.49 kg
Number of microphones	2	Packaging content	
		AC adapter included *	✓



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