

Alienware x17 R1 Intel® Core™ i7 i7-11800H Laptop 43.9 cm (17.3") Full HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : Alienware

Product code: J22Y5

Product name : x17 R1



- Windows 11 Home 64-bit
- Intel Core i7-11800H (24MB Cache)
- 43.9 cm (17.3") Full HD 1920 x 1080 WVA, NVIDIA GeForce RTX 3060 (6GB GDDR6)
- 16GB DDR4-SDRAM & 1000GB SSD

Intel Core i7-11800H (24MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 WVA, Intel UHD Graphics, NVIDIA GeForce RTX 3060 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

[Alienware x17 R1 Intel® Core™ i7 i7-11800H Laptop 43.9 cm \(17.3"\) Full HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Wi-Fi 6 \(802.11ax\) Windows 11 Home Silver:](#)



LIMITLESSLY THIN. REMARKABLY ENGINEERED.

Alienware's thinnest 17" high-performance gaming laptop.

Alienware x17 R1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-11800H. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3060. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Network	
Product type *	Laptop	Wi-Fi data rate (max)	2400 Mbit/s
Product colour *	Silver	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Killer Wireless-AX 1675w
Market positioning	Gaming	WLAN controller manufacturer	Killer
Display		Ethernet LAN	✓
Display diagonal *	43.9 cm (17.3")	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.2
HD type	Full HD	Ports & interfaces	
Panel type	WVA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
LED backlight	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m ²	HDMI version	2.1
Pixel density	127 ppi	Mini DisplayPorts quantity	1
RGB colour space	sRGB	Thunderbolt 4 ports quantity	1
Colour gamut	100%	Intel® Thunderbolt 4	✓
Maximum refresh rate	360 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	800:1	Charging port type	DC-in jack
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	USB Power Delivery	✓
Processor family *	Intel® Core™ i7	PowerShare	✓
Processor generation	11th gen Intel® Core™ i7	Number of USB ports with PowerShare support	2
Processor model *	i7-11800H	Performance	
Processor cores	8	Motherboard chipset	Intel HM570
Processor boost frequency	4.6 GHz		
Processor cache	24 MB		

Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR4-SDRAM	Numeric keypad *	✗
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	RGB
Maximum internal memory *	64 GB	Software	
Storage		Operating system architecture	64-bit
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	6
SSD capacity	1 TB	Battery capacity *	87 Wh
SSD interface	NVMe, PCI Express	Battery voltage	11.4 V
NVMe	✓	Removable battery	✗
SSD form factor	M.2	Battery recharge time	3 h
Optical drive type *	✗	Battery weight	330 g
Card reader integrated	✓	Power	
Compatible memory cards	MicroSD (TransFlash)	AC adapter frequency	50/60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete graphics card model *	NVIDIA GeForce RTX 3060	AC adapter output voltage	19.5 V
Discrete graphics card memory	6 GB	Security	
Discrete graphics memory type	GDDR6	Windows Hello	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Operational conditions	
Discrete graphics card *	✓	Operating temperature (T-T)	0 - 35 °C
On-board graphics card model *	Intel® UHD Graphics	Storage temperature (T-T)	-40 - 65 °C
Audio		Operating relative humidity (H-H)	10 - 90%
Audio chip	Realtek ALC3281	Storage relative humidity (H-H)	0 - 95%
Number of built-in speakers	2	Operating altitude	-15.2 - 3048 m
Speaker power	2 W	Non-operating altitude	-15.2 - 10668 m
Built-in microphone	✓	Operating shock	110 G
Number of microphones	2	Non-operating shock	160 G
Camera		Operating vibration	0.66 G
Front camera	✓	Non-operating vibration	1.3 G
Front camera resolution (numeric)	0.92 MP	Weight & dimensions	
Front camera resolution	1280 x 720 pixels	Width	399.2 mm
Front camera HD type	HD	Depth	299.5 mm
Video capturing speed	30 fps	Height	20.9 mm
Infrared (IR) camera	✓	Weight *	3.2 kg
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Cables included	AC
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Mobile network connection *	✗		

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