



## Acer Predator Helios 300 PH317-56-7292 Intel® Core™ i7 i7-12700H Computer portatile 43,9 cm (17.3") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3070 Wi-Fi 6 (802.11ax) Windows 11 Home Italiano Nero

**Marchio :** Acer

**Famiglia del prodotto:**  
Predator

**Codice prodotto:**  
NH.QGQET.003



**Nome del prodotto :**  
PH317-56-7292

- Windows 11 Home 64-bit  
- Intel Core i7-12700H (24MB Cache)  
- 43.9 cm (17.3") Quad HD 2560 x 1440 IPS, NVIDIA GeForce RTX 3070 (8GB GDDR6)  
- 16GB DDR5-SDRAM (1 x 16) & 1000GB SSD  
Intel Core i7-12700H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Quad HD 2560 x 1440 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
Acer Predator Helios 300 PH317-56-7292. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel® Core™ i7, Modello del processore: i7-12700H. Dimensioni diagonale schermo: 43,9 cm (17.3"), Tipologia HD: Quad HD, Risoluzione del display: 2560 x 1440 Pixel. RAM installata: 16 GB, Tipo di RAM: DDR5-SDRAM. Capacità totale di archiviazione: 1 TB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel Iris Xe Graphics, Scheda grafica dedicata: NVIDIA GeForce RTX 3070. Sistema operativo incluso: Windows 11 Home. Colore del prodotto: Nero



Design		Network	
Colour name	Abyss Black	Ethernet LAN	✓
Product type *	Laptop	Ethernet LAN data rates	10,1000,100 Mbit/s
Product colour *	Black	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.2
Market positioning	Gaming	Ports & interfaces	
Display		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display diagonal *	43.9 cm (17.3")	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display resolution *	2560 x 1440 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	Quad HD	HDMI ports quantity *	1
Panel type	IPS	Mini DisplayPorts quantity	1
LED backlight	✓	Headphone outputs	1
Native aspect ratio	16:9	Combo headphone/mic port	✓
Maximum refresh rate	165 Hz	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor family *	Intel® Core™ i7	Keyboard backlit	✓
Processor generation	12th gen Intel® Core™ i7	Keyboard language	Italian
Processor model *	i7-12700H	Software	
Processor cores	14	Operating system architecture	64-bit
Processor cache	24 MB	Operating system installed *	Windows 11 Home
Configurable TDP-down	35 W	Processor special features	
Memory		Intel Flex Memory Access	✓
Internal memory *	16 GB	Intel Trusted Execution Technology	✓
Internal memory type	DDR5-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory layout (slots x size)	1 x 16 GB	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✗
Maximum internal memory *	32 GB	Storage	
Storage		Total storage capacity *	1 TB
Storage media *	SSD	Storage media *	SSD

Storage		Processor special features	
Total SSDs capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	1 TB		
SSD interface	PCI Express		
Optical drive type *	✗	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA GeForce RTX 3070	Number of battery cells	4
Discrete graphics card memory	8 GB	Battery capacity *	90 Wh
Discrete graphics memory type	GDDR6	Battery life (max)	6 h
On-board graphics card *	✓	Power	
Discrete graphics card *	✓	AC adapter power	280 W
On-board graphics card model *	Intel Iris Xe Graphics	DC-in jack	✓
Audio		Security	
Number of built-in speakers	2	Cable lock slot	✓
Built-in microphone	✓	Cable lock slot type	Kensington
Camera		Trusted Platform Module (TPM)	✓
Front camera	✓	Password protection	✓
Front camera resolution	1280 x 720 pixels	Password protection type	BIOS, HDD, Supervisor, User
Front camera HD type	HD	Weight & dimensions	
Network		Width	399.3 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Depth	295.5 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Height	26.9 mm
Mobile network connection *	✗	Weight *	3 kg
Antenna type	2x2	Packaging content	
WLAN controller model	Killer Wireless-AX 1675x	Cables included	AC



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