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LAPTOPS

Cyborg 15 A12V

OVERVIEW (/LAPTOP/CYBORG-15-A12VX/OVERVIEW)   SPECIFICATIONS (/LAPTOP/CYBORG-15-A12VX/SPECIFICATION)

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(/Laptop/Cyborg-15-A12VX/Gallery)

○ Differences are marked in red

		Cyborg 15 A12VF	Cyborg 15 A12VE	
CPU		Up to 12th Gen Intel® Core™ i7 Processor	Up to 12th Gen Intel® Core™ i7 Processor	
OS		Windows 11 Home (MSI recommends Windows 11 Pro for business.)	Windows 11 Home (MSI recommends Windows 11 Pro for business.)	
DISPLAY		15.6" FHD (1920x1080), 144Hz, IPS-Level	15.6" FHD (1920x1080), 144Hz, IPS-Level	
GRAPHICS		NVIDIA® GeForce RTX™ 4060 Laptop GPU 8GB GDDR6 Up to 1470MHz Boost Clock 45W Maximum Graphics Power with Dynamic Boost. *May vary by scenario	NVIDIA® GeForce RTX™ 4050 Laptop GPU 6GB GDDR6 Up to 1605MHz Boost Clock 45W Maximum Graphics Power with Dynamic Boost. *May vary by scenario	
MEMORY		Max 64GB DDR5-4800 2 Slots	Max 64GB DDR5-4800 2 Slots	
STORAGE CAPABILITY		1x M.2 SSD slot (NVMe PCIe Gen4)	1x M.2 SSD slot (NVMe PCIe Gen4)	
WEBCAM		HD type (30fps@720p)	HD type (30fps@720p)	
KEYBOARD		Single Backlit Keyboard (Blue)	Single Backlit Keyboard (Blue)	
COMMUNICATION		Gb LAN 802.11 ax Wi-Fi 6 + Bluetooth v5.2	Gb LAN 802.11 ax Wi-Fi 6 + Bluetooth v5.2	
AUDIO		2x 2W Speaker	2x 2W Speaker	
AUDIO JACK		1x Mic-in/Headphone-out Combo Jack	1x Mic-in/Headphone-out Combo Jack	
I/O PORTS		1x Type-C (USB3.2 Gen1 / DP) 2x Type-A USB3.2 Gen1 1x HDMI™ 2.1 (4K @ 60Hz) 1x RJ45	1x Type-C (USB3.2 Gen1 / DP) 2x Type-A USB3.2 Gen1 1x HDMI™ 2.1 (4K @ 60Hz) 1x RJ45	
SECURITY		Kensington Lock	Kensington Lock	
BATTERY		3-Cell 53.5 Battery (Whr)	3-Cell 53.5 Battery (Whr)	
AC ADAPTER		120W adapter	120W adapter	
WEIGHT (W/ BATTERY)		1.98 kg	1.98 kg	
DIMENSION (WXDXH)		359.36 x 250.34 x 21.95~22.9 mm	359.36 x 250.34 x 21.95~22.9 mm	

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

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