

## NOTEBOOK

## Stealth 15 A13V

STEALTH 15 A13VE-044AU

## **Specification**

10 cores (6 P-cores + 4 E-cores), Max Turbo Frequency 4,9 GHz   15.6° FHD(1920x1080), 144Hz Refresh Rate, IPS-Level   15.6° FHD(1920x1080), 144Hz Refresh	СРИ	13th Gen Intel® Core™ i7-13620H processor
Display   15.6" FHD(1920x1080), 144Hz Refresh Rate, IPS-Level   Integrated Soc   Integrated Soc   WiDIA* Geforce RTX** 4950 Laptop GPU powers advanced AI with 194 AI TOPS   Up to 2370MHz Boost Clock 90W Maximum Graphics Power with Dynamic Boost. *May vary by scenario Video Memory   66B CDDR6   Memory		10 cores (6 P-cores + 4 E-cores), Max Turbo Frequency 4.9 GHz
Chipset         Integrated SoC           Discrete Graphics         NYIDIA® GeForce RTX™ 4050 Laptop GPU powers advanced Al with 194 Al TOPS Up to 2370MHz Boost Clock 90W Maximum Graphics Power with Dynamic Boost. *May vary by scenario           Video Memory         6GB GDDR6           Memory         8GB® 2 DDR5-5600           Memory Slot and Max Capacity         DDR5-5200, 2 Slots, Max 64GB           Storage         512GB*1 NVMe SSD PCIe Gen4           Keyboard         2x M 2 SSD slot (NVMe PCIe Gen4)           Keyboard         Bingle Backlit Keyboard (White)           WebCam         HD type (30fps@720p)           Audio         2x 2W Audio Speaker Sound by Dynaudio Speaker Sound by Dynaudio Speaker Hi-Res Audio Ready           Audio Port         1x Type-C USB3.2 Gen2           Lax Speak Sudio Ready         1x Type-C USB3.2 Gen2           Lax Type-C USB3.2 Gen2         2x Type-C USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)           Video Ports         1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)           LAN         Gigabit Ethernet           Wi-Fi Bletooth         Intel® Wi-Fi 6 Ax201, Bluetooth v5.2           Security         Firmware Trusted Platform Module(fTPM) 2.0           AC Adapter         Battery         3-Cell           Battery         3-Cell         3-Cell         3-Cell           Chassis Color	Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Discrete Graphics         NVIDIA® GeForce RTX™ 4050 Laptop GPU powers advanced AI with 194 AI TOPS Up to 2370MHz Boost Clock 90W Maximum Graphics Power with Dynamic Boost. *May vary by scenario           Video Memory         6GB GDDR6           Memory         8GB*2 DDR5-5600           Memory Slot and Max Capacity         DDR5-5200, 2 Slots, Max 64GB           Storage         512GB*1 NVMe SSD PCIe Gen4           Keyboard         2x M.2 SSD slot (NVMe PCIe Gen4)           Keyboard         HD type (30fps@720p)           Audio         2x ZW Audio Speaker           Sound by Dynaudio         Nahimic 3 Audio Enhancer           Hi-Res Audio Ready         1x Mic-in/Headphone-out Combo Jack           USB Ports         1x Type-C USB3.2 Gen2           Video Ports         1x Type-C USB3.2 Gen2 DisplayPort™/ Power Delivery 3.0)           Video Ports         1x HDM™ 2.1 (8K @ 60Hz / 4K @ 120Hz)           LAN         Gigabit Ethernet           Wi-Fi/ Bluetooth         Intel® Wi-Fi 6 AX201, Bluetooth v5.2           Security         Firmware Trusted Platform Module(TTPM) 2.0           AC Adapter         180W Adaptor           Battery         3-Cell           53.5 Whrs           Dimension (WXDXH)         358.3 x 247.9 x 19.9 mm           Weight (W/ Battery)         2 years limited warranty	Display	15.6" FHD(1920x1080), 144Hz Refresh Rate, IPS-Level
Video Memory         GGB GDDR6           Memory         8GBY2 DDR5-5600           Memory Slot and Max Capacity         DDR5-5200, 2 Slots, Max 64GB           Storage         512GB*1 NVMe SSD PCIe Gen4           Keyboard         Single Backlit Keyboard (White)           WebCam         HD type (30fps@720p)           Audio         2x 2W Audio Speaker           Sound by Dynaudio         Naminic 3 Audio Enhancer           Hi-Res Audio Ready         14 Mic-ri/Headphone-out Combo Jack           USB Ports         1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 2x Type-A USB3.2 Gen2 2x Type-A USB3.2 Gen2 / DisplayPort **/ Power Delivery 3.0)           Video Ports         1x HDMI*** 2.1 (8K @ 60Hz / 4K @ 120Hz)           LAN         Gigabit Ethernet           Wi-Fi Bluetooth         Intel® Wi-Fi 6 AX201, Bluetooth v5.2           Security         Firmware Trusted Platform Module(FTPM) 2.0           AC Adapter         Biow Adaptor           Battery         3-Cell 53.5 Whrs           Dimension (WXDXH)         38.3 x 247.9 x 19.9 mm           Weight (W/ Battery)         2 years limited warranty           Weight (W/ Battery)         2 years limited warranty	Chipset	Integrated SoC
Video Memory         6GB GDDR6           Memory         8GB*2 DDR5-5600           Memory Slot and Max Capacity         DDR5-5200, 2 Slots, Max 64GB           Storage         512GB*1 NVMe SSD PCIe Gen4           Storage Slot         2x M.2 SSD slot (NVMe PCIe Gen4)           Keyboard         Single Backlit Keyboard (White)           WebCam         HD type (30fps@720p)           Audio         2x 2W Audio Speaker           Sound by Dynaudio         Nahminc 3 Audio Enhancer           Hi-Res Audio Ready         Ix Mic-in/Headphone-out Combo Jack           USB Ports         1x Type-C USB3.2 Gen2           1x Type-C (USB3.2 Gen2         1x Type-C USB3.2 Gen2           1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)           Video Ports         1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)           LAN         Glabit Ethernet           Wi-Fi/ Bluetooth         Intel® Wi-Fi 6 AX201, Bluetooth v5.2           Security         Firmware Trusted Platform Module(FTPM) 2.0           AC Adapter         180W Adaptor           Battery         3.5 Whrs           Dimension (WXDXH)         358.3 x 247.9 x 19.9 mm           Weight (W/ Battery)         2.1 kg           Chassis Color         Black           Warranty         2 years limited warranty <td rowspan="2">Discrete Graphics</td> <td>NVIDIA® GeForce RTX™ 4050 Laptop GPU powers advanced AI with 194 AI TOPS</td>	Discrete Graphics	NVIDIA® GeForce RTX™ 4050 Laptop GPU powers advanced AI with 194 AI TOPS
Memory         8GB*2 DDR5-5600           Memory Slot and Max Capacity         DDR5-5200, 2 Slots, Max 64GB           Storage         512GB*1 NVMe SSD PCIe Gen4           Storage Slot         2x M.2 SSD slot (NVMe PCIe Gen4)           Keyboard         Single Backlit Keyboard (White)           WebCam         HD type (30fps@720p)           Audio         2x 2W Audio Speaker Sound by Dynaudio Nahimic 3 Audio Enhancer Hi-Res Audio Ready           Audio Port         1x Mic-in/Headphone-out Combo Jack           USB Ports         1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort**/ Power Delivery 3.0)           Video Ports         1x HDMI** 2.1 (8K @ 60Hz / 4K @ 120Hz)           LAN         Gigabit Ethernet           Wi-Fi/ Bluetooth         Intel* Wi-Fi 6 AX201, Bluetooth v5.2           Security         Firmware Trusted Platform Module(fTPM) 2.0           AC Adapter         Babdytor           Battery         3-Cell 5-3.5 Whrs           Dimension (WXDXH)         358.3 x 247.9 x 19.9 mm           Weight (W/ Battery)         2.1 kg           Chassis Color         Black           Warranty         2 years limited warranty		Up to 2370MHz Boost Clock 90W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Memory Slot and Max Capacity         DDRS-5200, 2 Slots, Max 64GB           Storage         512GB*1 NVMe SSD PCIe Gen4           Storage Slot         2x M.2 SSD slot (NVMe PCIe Gen4)           Keyboard         Single Backlik Keyboard (White)           WebCam         HD type (30fps@720p)           Audio         2x 2W Audio Speaker Sound by Dynaudio Nahimic 3 Audio Enhancer Hi-Res Audio Ready           Audio Port         1x Mic-in/Headphone-out Combo Jack           USB Ports         1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 2x Type-A USB3.2 Gen2 / DisplayPort**/ Power Delivery 3.0)           Video Ports         1x TyDP-C (USB3.2 Gen2 / DisplayPort**/ Power Delivery 3.0)           LAN         Gigabit Ethernet           Wi-Fi/ Bluetooth         Intel* Wi-Fi 6 AX201, Bluetooth v5.2           Security         Firmware Trusted Platform Module(fTPM) 2.0           AC Adapter         Battery           Battery         3-Cell 53.5 Whrs           Dimension (WXDXH)         358.3 x 247.9 x 19.9 mm           Weight (W/ Battery)         2.1 kg           Chassis Color         Black           Warranty         2 years limited warranty	Video Memory	6GB GDDR6
Storage       512GB*1 NVMe SSD PCIe Gen4         Storage Slot       2x M.2 SSD slot (NVMe PCIe Gen4)         Keyboard       Single Backlit Keyboard (White)         WebCam       HD type (30fps@720p)         Audio       2x ZW Audio Speaker         Sound by Dynaudio       Nahimic 3 Audio Enhancer         Hi-Res Audio Ready         Audio Port       1x Mic-in/Headphone-out Combo Jack         USB Ports       1x Type-C USB3.2 Gen2         2x Type-A USB3.2 Gen2       2x Type-C USB3.2 Gen2         1x Type-C USB3.2 Gen2       2x Type-C USB3.2 Gen2 PolisplayPort™/ Power Delivery 3.0)         Video Ports       1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)         LAN       Gigabit Ethernet         Wi-Fi/ Bluetooth       Intel® Wi-Fi 6 AX2O1, Bluetooth v5.2         Security       Firmwar Trusted Platform Module(TPM) 2.0         AC Adapter       180W Adaptor         Battery       3-Cell         53.5 Whrs       Si.3 v 247.9 x 19.9 mm         Weight (W) Battery)       2.1 kg         Chassis Color       Black         Warranty       2 years limited warranty	Memory	8GB*2 DDR5-5600
Storage Slot       2x M.2 SSD slot (NVMe PCle Gen4)         Keyboard       Single Backlit Keyboard (White)         WebCam       HD type (30fps@720p)         Audio       2x 2W Audio Speaker Sound by Dynaudio Nahimic 3 Audio Enhancer Hi-Res Audio Ready         Audio Port       1x Mic-in/Headphone-out Combo Jack         USB Ports       1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)         Video Ports       1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)         LAN       Gigabit Ethernet         Wi-Fi/ Bluetooth       Intel® Wi-Fi 6 AX201, Bluetooth v5.2         Security       Firmware Trusted Platform Module(fTPM) 2.0         AC Adapter       180W Adaptor         Battery       3-Cell 53.5 Whrs         Single State Width (W/ Battery)       2.1 kg         Chassis Color       Black         Warranty       2 years limited warranty	Memory Slot and Max Capacity	DDR5-5200, 2 Slots, Max 64GB
Keyboard       Single Backlit Keyboard (White)         WebCam       HD type (30fps@720p)         Audio       2x 2W Audio Speaker Sound by Dynaudio Nahimic 3 Audio Enhancer Hi-Res Audio Ready         Audio Port       1x Mic-in/Headphone-out Combo Jack         USB Ports       1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)         Video Ports       1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)         LAN       Gigabit Ethernet         Wi-Fi/ Bluetooth       Intel® Wi-Fi 6 AX201, Bluetooth v5.2         Security       Firmware Trusted Platform Module(fTPM) 2.0         AC Adapter       180W Adaptor         Battery       3-Cell 53.5 Whrs         Dimension (WXDXH)       358.3 x 24.9 x 24.9 x 19.9 mm         Weight (W/ Battery)       2.1 kg         Chassis Color       Black         Warranty       2 years limited warranty	Storage	512GB*1 NVMe SSD PCIe Gen4
WebCam       HD type (30fps@720p)         Audio       2x 2W Audio Speaker Sound by Dynaudio Nahimic 3 Audio Enhancer Hi-Res Audio Ready         Audio Port       1x Mic-in/Headphone-out Combo Jack         USB Ports       1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)         Video Ports       1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)         LAN       Gigabit Ethernet         Wi-Fi/ Bluetooth       Intel® Wi-Fi 6 AX201, Bluetooth v5.2         Security       Firmware Trusted Platform Module(fTPM) 2.0         AC Adapter       180W Adaptor         Battery       3-Cell 53.5 Whrs         Dimension (WXDXH)       358.3 x 247.9 x 19.9 mm         Weight (W/ Battery)       2.1 kg         Chassis Color       Black         Warranty       2 years limited warranty	Storage Slot	2x M.2 SSD slot (NVMe PCle Gen4)
Audio  2 x W Audio Speaker Sound by Dynaudio Nahimic 3 Audio Enhancer Hi-Res Audio Ready  Audio Port  1 x Mic-in/Headphone-out Combo Jack  USB Ports  1 x Type-C USB3.2 Gen2 2 x Type-A USB3.2 Gen2 1 x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)  Video Ports  1 x HDMI™ 2.1 (8K ⊚ 60Hz / 4K ⊚ 120Hz)  LAN  Wi-Fi/ Bluetooth  Intel® Wi-Fi 6 AX201, Bluetooth v5.2  Security  AC Adapter  Battery  3-Cell 53.5 Whrs  Dimension (WXDXH)  Weight (W/ Battery)  Chassis Color  Black  Warranty  2 years limited warranty	Keyboard	Single Backlit Keyboard (White)
Sound by Dynaudio Nahimic 3 Audio Enhancer Hi-Res Audio Ready  Audio Port  Ix Mic-in/Headphone-out Combo Jack  USB Ports  Ix Type-C USB3.2 Gen2 Ix Type-C (USB3.2 Gen2) Ix Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)  Video Ports  Ix HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)  LAN  Gigabit Ethernet  Wi-Fi/ Bluetooth  Intel® Wi-Fi 6 AX201, Bluetooth v5.2  Security  AC Adapter  Battery  3-Cell 53.5 Whrs  Dimension (WXDXH)  358.3 x 247.9 x 19.9 mm  Weight (W/ Battery)  Chassis Color  Black  Warranty  Sound by Dynaudio Ix Audio Ready Ix Type-C (USB3.2 Gen2 Ix Type-C USB3.2 Ge	WebCam	HD type (30fps@720p)
Nahimic 3 Audio Enhancer Hi-Res Audio ReadyAudio Port1x Mic-in/Headphone-out Combo JackUSB Ports1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)Video Ports1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)LANGigabit EthernetWi-Fi/ BluetoothIntel® Wi-Fi 6 AX201, Bluetooth v5.2SecurityFirmware Trusted Platform Module(fTPM) 2.0AC Adapter180W AdaptorBattery3-Cell 53.5 WhrsDimension (WXDXH)358.3 x 247.9 x 19.9 mmWeight (W/ Battery)2.1 kgChassis ColorBlackWarranty2 years limited warranty		2x 2W Audio Speaker
Audio Port1x Mic-in/Headphone-out Combo JackUSB Ports1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)Video Ports1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)LANGigabit EthernetWi-Fi/ BluetoothIntel® Wi-Fi 6 AX201, Bluetooth v5.2SecurityFirmware Trusted Platform Module(fTPM) 2.0AC Adapter180W AdaptorBattery3-Cell 53.5 WhrsDimension (WXDXH)358.3 x 247.9 x 19.9 mmWeight (W/ Battery)2.1 kgChassis ColorBlackWarranty2 years limited warranty		, ,
Audio Port1x Mic-in/Headphone-out Combo JackUSB Ports1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)Video Ports1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)LANGigabit EthernetWi-Fi/ BluetoothIntel® Wi-Fi 6 AX201, Bluetooth v5.2SecurityFirmware Trusted Platform Module(fTPM) 2.0AC Adapter180W AdaptorBattery3-Cell 53.5 WhrsDimension (WXDXH)358.3 x 247.9 x 19.9 mmWeight (W/ Battery)2.1 kgChassis ColorBlackWarranty2 years limited warranty		
USB Ports 1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)   Video Ports 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)   LAN Gigabit Ethernet   Wi-Fi/ Bluetooth Intel® Wi-Fi 6 AX201, Bluetooth v5.2   Security Firmware Trusted Platform Module(fTPM) 2.0   AC Adapter 180W Adaptor   Battery 3-Cell 53.5 Whrs   Dimension (WXDXH) 358.3 x 247.9 x 19.9 mm   Weight (W/ Battery) 2.1 kg   Chassis Color Black   Warranty 2 years limited warranty		Hi-Res Audio Ready
2x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)  Video Ports  LAN  Gigabit Ethernet  Wi-Fi/ Bluetooth  Intel® Wi-Fi 6 AX201, Bluetooth v5.2  Security  AC Adapter  Battery  180W Adaptor  Battery  3-Cell 53.5 Whrs  Dimension (WXDXH)  Weight (W/ Battery)  Chassis Color  Warranty  Pars Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)  1x HDMI™ 2.1 (8K @ 120Hz) 1x HDMI 2.1 (8K	Audio Port	1x Mic-in/Headphone-out Combo Jack
1x Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)Video Ports1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)LANGigabit EthernetWi-Fi/ BluetoothIntel® Wi-Fi 6 AX201, Bluetooth v5.2SecurityFirmware Trusted Platform Module(fTPM) 2.0AC Adapter180W AdaptorBattery3-Cell 53.5 WhrsDimension (WXDXH)358.3 x 247.9 x 19.9 mmWeight (W/ Battery)2.1 kgChassis ColorBlackWarranty2 years limited warranty		<b>21</b>
Video Ports       1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)         LAN       Gigabit Ethernet         Wi-Fi/ Bluetooth       Intel® Wi-Fi 6 AX201, Bluetooth v5.2         Security       Firmware Trusted Platform Module(fTPM) 2.0         AC Adapter       180W Adaptor         Battery       3-Cell 53.5 Whrs         Dimension (WXDXH)       358.3 x 247.9 x 19.9 mm         Weight (W/ Battery)       2.1 kg         Chassis Color       Black         Warranty       2 years limited warranty		<b>,</b> ,
LANGigabit EthernetWi-Fi/ BluetoothIntel® Wi-Fi 6 AX201, Bluetooth v5.2SecurityFirmware Trusted Platform Module(fTPM) 2.0AC Adapter180W AdaptorBattery3-Cell 53.5 WhrsDimension (WXDXH)358.3 x 247.9 x 19.9 mmWeight (W/ Battery)2.1 kgChassis ColorBlackWarranty2 years limited warranty		21 1 2 1 2 1
Wi-Fi/ Bluetooth     Intel® Wi-Fi 6 AX201, Bluetooth v5.2       Security     Firmware Trusted Platform Module(fTPM) 2.0       AC Adapter     180W Adaptor       Battery     3-Cell 53.5 Whrs       Dimension (WXDXH)     358.3 x 247.9 x 19.9 mm       Weight (W/ Battery)     2.1 kg       Chassis Color     Black       Warranty     2 years limited warranty		
Security     Firmware Trusted Platform Module(fTPM) 2.0       AC Adapter     180W Adaptor       Battery     3-Cell 53.5 Whrs       Dimension (WXDXH)     358.3 x 247.9 x 19.9 mm       Weight (W/ Battery)     2.1 kg       Chassis Color     Black       Warranty     2 years limited warranty	LAN	
AC Adapter         180W Adaptor           Battery         3-Cell 53.5 Whrs           Dimension (WXDXH)         358.3 x 247.9 x 19.9 mm           Weight (W/ Battery)         2.1 kg           Chassis Color         Black           Warranty         2 years limited warranty	Wi-Fi/ Bluetooth	Intel® Wi-Fi 6 AX201, Bluetooth v5.2
Battery         3-Cell 53.5 Whrs           Dimension (WXDXH)         358.3 x 247.9 x 19.9 mm           Weight (W/ Battery)         2.1 kg           Chassis Color         Black           Warranty         2 years limited warranty	Security	Firmware Trusted Platform Module(fTPM) 2.0
Dimension (WXDXH)         358.3 x 247.9 x 19.9 mm           Weight (W/ Battery)         2.1 kg           Chassis Color         Black           Warranty         2 years limited warranty	AC Adapter	180W Adaptor
Dimension (WXDXH) 358.3 x 247.9 x 19.9 mm  Weight (W/ Battery) 2.1 kg  Chassis Color Black  Warranty 2 years limited warranty	Battery	
Weight (W/ Battery)     2.1 kg       Chassis Color     Black       Warranty     2 years limited warranty	Dimension (WXDXH)	
Chassis Color     Black       Warranty     2 years limited warranty		
Warranty 2 years limited warranty		
	Warranty	2 years limited warranty
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\*Spec and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details.