



CONTENT CREATION

Creator 16 AI Studio - A1V

CREATOR 16 AI STUDIO A1VHG-058IN

Specification

CPU	Intel® Core™ Ultra 9 processor 185H with Intel® AI Boost (NPU) 16 cores (6 P-cores + 8 E-cores + 2 Low Power E-cores), Max Turbo Frequency 5.1 GHz
Operating Systems	Windows 11 Pro
Display	16" UHD+(3840x2400), 120Hz Refresh Rate, Mini LED, IPS-Level, VESA DisplayHDR™ 1000 Certified, 100% DCI-P3(Typical)
Chipset	Integrated SoC
Discrete Graphics	NVIDIA® GeForce RTX™ 4080 Laptop GPU powers advanced AI with 542 AI TOPS Up to 1665MHz Boost Clock 105W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	12GB GDDR6
Memory	32GB*2, DDR5-5600 *Vary by Memory capacity
Memory Slot and Max Capacity	2 Slots, Max 96GB
Storage	2TB*1 NVMe SSD PCIe Gen4
Storage Slot	2x M.2 SSD slot (NVMe PCIe Gen4)
Keyboard	Single Backlit Keyboard (White) with Copilot Key
Touchpad	Silky Smooth Touchpad
WebCam	IR FHD type (30fps@1080p) with HDR 3D Noise Reduction+ (3DNR+)
Audio	2x 2W Audio Speaker 4x 2W Audio Woofer Sound by Dynaudio, Hi-Res Audio Ready, DTS Audio Processing
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	1x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™) 1x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.0)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Card Reader	1x Micro SD
LAN	Intel® Killer™ Ethernet E3100 2.5 Gbps
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Sensor	x1 Fingerprint
Security	Fingerprint Security, Discrete Trusted Platform Module(dTPM) 2.0, Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, NA, Kensington Lock
AC Adapter	240W Adaptor
Battery	4-Cell 99.9 Whrs
Dimension (WxDxH)	355.8 x 259.7 x 19.95 mm
Weight (W/ Battery)	1.99 kg
Chassis Color	Lunar Gray
Certification	Meta Ready, MIL-STD-810H/G
Warranty	2 years limited warranty