

ASUS H7606WX-O96440B0X

Asus ProArt P16 OLED H7606WP Notebook Ryzen AI 9 HX 370 5.1GHz 64GB 2TB 16" QHD+ RTX 5090 24GB BT Win 11 Pro

Product Overview

Asus ProArt P16 OLED H7606WP Series ASUS H7606WX-O96440B0X Black Notebook, AMD Ryzen AI 9 HX 370 Twelve Core up to 5.1Ghz 36MB Cache Processor, 64GB LPDDR5 Memory onboard, Supports 64GB Max Mem, No memory slots, 2TB SSD Solid State Hard Drive PCIe, M.2 2280 slot + M.2 2280 Slot, NO optical drive (No CD), 16" Capacitive Multi Touch Screen UHD+ (3840 x 2400 resolution) Glossy Type 400 nits, 120Hz OLED Backlit Display, nVidia Geforce RTX 5090 with 24GB dedicated graphics, AMD XDNA NPU up to 50 TOPS, Wi-Fi 7, Bluetooth, Webcam, 4 Cell Battery, Backlit Keyboard, 1x USB 3.2 Gen 2 Type-C support display / power delivery, 2x USB 3.2 Gen 2 Type-A, 1x USB 4.0 Gen 3 Type-C support display / power delivery, HDMI output, SD Express Card Reader, 1.9 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty



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Product Specification Sheet



Specifications

Summary Overview:

The Asus ProArt P16 OLED laptop is a high-performance creative workstation built for professionals in South Africa who want to transform ideas into reality. Featuring a stunning 16-inch 4K OLED touchscreen, 64GB of LPDDR5X memory, and a powerful AMD Ryzen AI 9 HX processor, this laptop handles demanding tasks with ease. The NVIDIA GeForce RTX 5090 GPU ensures ultra-fast rendering and lifelike graphics. Shop now to elevate your creativity with a portable studio designed for speed, precision, and reliability.

Users of this laptop series praise its seamless multitasking, vibrant OLED display, and professional-grade GPU, making it ideal for graphic designers, video editors, animators, and AI content creators. Many highlight its AI-enhanced features, exceptional battery life, and quiet operation during intensive projects.

Laptop performance tier:High-end professional workstation

Uses:Video editing, 3D rendering, graphic design, animation, AI content creation, multimedia production, creative workflows

Overview:

ProArt P16 AI Laptop: Unleash Your Creativity Anywhere

The ProArt P16 is designed to be your ultimate creative partner, combining advanced technology with exceptional portability. Whether you're in the studio or on the go, this laptop offers everything you need to bring your ideas to life. With a high-quality OLED touchscreen, precise color accuracy, powerful NVIDIA graphics, and an AMD RyzenAI 9 HX 370 processor, the ProArt P16 ensures that you can create without limits. It's packed with AI-driven features, built to withstand tough conditions, and has a long-lasting battery to keep you going. Elevate your creative process with the ProArt P16, a laptop made to fuel your passion.

Create Everywhere with Unmatched Mobility

Designed for portability and durability, the ProArt P16 allows you to stay inspired wherever life takes you. Whether you're working on location or simply moving between spaces, this laptop ensures your creativity flows uninterrupted.

Features:

Smarter Creation with AI Tools

Incorporate AI into your creative workflow using apps like StoryCube and MuseTree. These innovative tools enhance your productivity, helping you organize assets and streamline your projects, whether you're on a plane, in a cafe, or at home.

Speed Up Your Creativity

When you're back in your studio, the ProArt P16 powers through demanding tasks with incredible speed. Thanks to its high-performance processor and advanced GPU, you can turn your ideas into tangible projects faster than ever before.

Unstoppable Power for On-the-Go Creators

The ProArt P16 is a mobile powerhouse, designed to tackle your most demanding tasks wherever you are. With the AMD RyzenAI 9 HX 370 processor and NVIDIA GeForce RTX 50 Series GPU, this laptop handles complex workloads, from 3D rendering to video editing, with ease. The combination of cutting-edge graphics and advanced thermal engineering ensures peak performance, even during extended creative sessions.

AI-Driven Performance for Faster Workflow

Equipped with the AMD RyzenAI 9 HX 370 processor, the ProArt P16 boasts 50 TOPS of NPU processing power, accelerating AI-assisted tasks. Whether you're editing 4K video in Adobe Premiere Pro or refining audio clips, this laptop's AI capabilities help you work more efficiently, so you can focus on the art, not the process.

Graphics Excellence for Creative Professionals

Take your visuals to the next level with the ProArt P16, featuring an NVIDIA Studio-validated GPU. The GeForce RTX 4070 Laptop GPU is optimized for AI-driven workflows, from photo and video editing to advanced 3D modeling. With cutting-edge features like RTX-accelerated encoding and real-time video editing, this laptop empowers your creative expression, allowing you to work with detail and precision.

Expanded Memory for Seamless Multitasking

ProArt P16 offers an impressive RAM capacity, using LPDDR5X memory running at 7500 MHz. This allows you to work on high-resolution projects without any slowdown, while still keeping all your other applications running smoothly.

Introducing ASUS's Next-Level AI PC

The ProArt P16 is powered by ASUS's advanced AI-enabled processors, providing a personalized computing experience. With integrated AI engines and the Windows Copilot, your workflow becomes faster, smarter, and more efficient. ASUS AI applications help automate routine tasks, streamline security, and enhance your digital lifestyle, making your creative process seamless and enjoyable.

Dedicated AI Chip for Maximum Efficiency

With up to 50 TOPS of local AI processing, the ProArt P16 ensures that even the most demanding creative tasks benefit from AI acceleration. This laptop is compatible with a wide range of independent software vendors (ISVs), making it versatile for various creative applications.

Everyday AI for Enhanced Productivity

ASUS AI technologies make your daily routine easier, offering everything from smarter multimedia organization to better privacy protection and clearer audio. ASUS AI Noise Cancellation uses a vast deep-learning database to eliminate background noise during calls, ensuring you're always heard clearly.

Organize Your Multimedia with AI

StoryCube is an AI-powered digital asset management tool that automatically organizes your photos and videos, saving you time and effort. This intuitive software makes it easy to locate, edit, and share your content.

AI for Privacy and Security

ProArt P16's AI features include ASUS Adaptive Dimming, which adjusts screen brightness based on your proximity, and ASUS Adaptive Lock, which automatically locks your device when you walk away, enhancing both security and energy efficiency.

Crystal-Clear Audio with AI Technology

Enjoy clear, immersive audio with ASUS AI Noise Cancellation. This technology ensures that background noise is reduced, providing a crisp and clear sound experience during meetings, calls, or multimedia playback.

Personalize Your Creative Workflow

With the ProArt Creator Hub, you can customize your laptop's settings, monitor performance, and fine-tune cooling and color calibration. The integrated tools help you streamline your workflow, so you can stay focused on creating your best work.

Enhance Your Creative Process with ASUS DialPad

The ASUS DialPad offers precise control over your creative applications with a customizable physical dial. You can adjust brush sizes, undo actions, and access essential functions instantly, giving you more control over your creative projects.

Vivid Visuals with ASUS Lumina OLED Touchscreen

Experience your work in stunning detail with the ProArt P16's ASUS Lumina OLED touchscreen. This 4K display offers exceptional color accuracy, deep blacks, and sharp contrast, making it ideal for creators who need to see their work in true color. The adaptive display ensures smooth visuals and eye protection, allowing you to create without strain, even in varying lighting conditions.

Durability That Exceeds Expectations

The ProArt P16 is built to last, meeting the MIL-STD 810H military standard for toughness. It's designed to withstand the elements, from extreme temperatures to high humidity, ensuring it remains reliable even in the harshest environments.

Ready for Any Environment

Whether you're working in the rainforest, exploring deserts, or skiing in the Alps, the ProArt P16 is engineered to withstand challenging conditions. Its durability ensures you can stay productive wherever your creative journey takes you.

Sleek, Stylish, and Resilient Design

The ProArt P16's Nano Black finish keeps your laptop looking sharp while resisting smudges and wear. It's a tool made for creators who demand both style and performance, whether they're in the wild or in the urban jungle.

Stay Cool While Creating

ProArt P16's advanced cooling technology ensures quiet and efficient performance, even during the most demanding creative tasks. The tri-fan design and liquid metal thermal compound keep temperatures low, ensuring your laptop stays cool during long sessions.

Silent Performance with 0 dB Ambient Cooling

ProArt P16's 0 dB Ambient Cooling system operates silently during low-intensity tasks, ensuring a quiet environment for focused creativity. When the workload increases, the smart fan kicks in for optimal performance without interruption.

Ports for Every Need

With a full suite of I/O ports, the ProArt P16 ensures seamless connectivity, whether you're charging, transferring data, or connecting to external displays. The laptop also supports Wi-Fi 7 for blazing-fast internet speeds, ensuring you're always connected.

Immersive Audio for Creative Clarity

ProArt P16's Harman Kardon-certified stereo speakers deliver high-quality, immersive sound. Dolby Atmos technology enhances your audio experience, providing a dynamic soundscape that elevates your entertainment and creative projects.

Sustainability for a Better Future

ASUS is committed to reducing its environmental impact. By choosing the ProArt P16, you join a movement towards a more sustainable future, where creativity and technology work together for the greater good.

Accessories to Enhance Your Creative Process

Pair your ProArt P16 with the perfect accessories, like the ProArt Backpack, ProArt Mouse, and ASUS Pen 2.0, for an all-in-one creative setup that enhances your productivity wherever you are.

Transform Your Content Creation with ASUS and CapCut

ASUS has partnered with CapCut to provide a flexible editing workflow, complete with powerful AI tools. Enjoy a free CapCut membership for access to premium features, thousands of assets, and a seamless creative experience.

Specifications:

Model	H7606WX / 90NB17E1-M002A0
Marketing Name	ProArt P16
Operating System	Windows 11 Pro
LCD cover-material	Aluminum
LCD cover-color	Nano Black
Top case-material	Aluminum
Top case-color	Nano Black

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Keyboard color	Black
Bottom case-material	Aluminum
Bottom case-color	Nano Black
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Touch screen
Panel Size	16.0-inch
Resolution	4K (3840 x 2400) OLED 16:10 aspect ratio
Response time	0.2ms response time
Refresh rate	120Hz refresh rate
Peak Brightness	1600nits HDR peak brightness
Color gamut	100% DCI-P3 color gamut
Gamut mapping	Yes
Contrast ratio	1,000,000:1
VESA CERTIFIED Display HDR	VESA CERTIFIED Display HDR True Black 1000
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Surface texture of display	Anti-reflection display
Low blue light	70% less harmful blue light
Screen-to-body ratio	88 %
Stylus support	With stylus support
Processor	AMD Ryzen AI 9 HX 370 Processor 2.0GHz (36MB Cache, up to 5.1GHz, 12 cores, 24 Threads) , AMD XDNA NPU up to 50TOPS
Chipset	N/A
Discrete/Share	Discrete
Intergrated GPU	AMD Radeon 890M Graphics
Graphics	NVIDIA GeForce RTX 5090 Laptop GPU
Graphic Memory	24GB GDDR7
Neural Processor	AMD XDNA NPU up to 50TOPS
Expansion Slot(includes used)	1x M.2 2280 PCIe 4.0x4 + 1x M.2 2280 PCIe 4.0x2
On board memory	64GB LPDDR5X on board
Total System Memory	LPDDR5X 64GB
Storage	2TB M.2 NVMe PCIe 4.0 SSD *2
Front-facing camera	FHD camera with IR function to support Windows Hello
Wireless	Wi-Fi 7(802.11be) (Triple band) 2*2 + Bluetooth 5.4 Wireless Card
	(*Bluetooth version may change with OS version different.)
Keyboard type	Backlit Chiclet Keyboard
	With Copilot key

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Touchpad	Precision touchpad
	support DialPad
FingerPrint	N/A
I/O ports	1x USB 3.2 Gen 2 Type-C with support for display / power delivery (data speed up to 10Gbps)
	1x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps)
	2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)
	1x HDMI 2.1 FRL
	1x 3.5mm Combo Audio Jack
	1x DC-in
	SD Express 7.0 card reader
Audio	Smart Amp Technology
	Built-in speaker
	Built-in array microphone
Voice control	N/A
Power	Rectangle Conn, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal
Required charging power	Min: 45W
	Max: 100W
Battery	90WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No
Weight (with Battery)	1.95 kg (4.30 lbs)
Weight (without Battery)	1.63 kg (3.59 lbs)
Dimension (W x H x D)	35.49 x 24.69 x 1.49 ~ 1.83 cm (13.97" x 9.72" x 0.59" ~ 0.72")
Built-in Apps	ASUS Recovery
	CapCut
	MuseTree
	StoryCube
	MyASUS
	ProArt Creator Hub
	ScreenXpert
	GlideX

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Product Specification Sheet

MyASUS feature	System diagnosis
	Battery health charging
	Fan Profile
	Splendid
	Function key lock
	WiFi SmartConnect
	TaskFirst
	Live update
	ASUS OLED Care
	AI Noise Canceling
	AdaptiveLock
	ASUS OLED Care (screensaver)
Content for GoPro free subscription	6-Month GoPro Premium+ Subscription
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Antivirus	N/A
Security	IR webcam with Windows Hello support
	Microsoft Pluton security processor
	Trusted Platform Module (Firmware TPM)
Adobe Creative Cloud Hard Bundle	3-Month Membership of Adobe Creative Cloud All Apps, Individual.
	The redemption duration from September 15, 2021 to August 31, 2026.
Ecolabels & Compliances	Energy star 8.0
	RoHS
	REACH
Included in the Box	Backpack
Reparability Index (for France)	9.5
Reparability Index (for BNL)	9.5

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://comx-computers.co.za/Buy-Notebooks-Laptops-ASUS-H7606WX-O96440B0X-Asus-ProArt-lp-332221.php>

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