

**ACCELERATE AUTODESK WORKFLOWS,
WHEN AND WHERE YOU NEED IT.**

As model datasets grow increasingly larger and more complex, technology such as 4K monitors become more affordable and with the emerging adoption of Virtual Reality for Manufacturing, 3D Design, or M&E workflows the importance of professional GPUs for leading edge work becomes paramount. With **PREVAILPRO** you can rest assured that you have the powerful and reliable graphics performance of NVIDIA® Quadro® Pascal™ GPUs when and where needed.

EXPAND YOUR VISUAL WORKSPACE

Capable of driving up to four 4K UHD displays simultaneously, **PREVAILPRO** gives you the visual screen real estate required to productively interact with multiple Autodesk applications.

POWERED BY NVIDIA QUADRO PROFESSIONAL GPUS

NVIDIA Quadro P4000 or P3000 GPU, an Intel Core i7 7700HQ processor, up to 32GB of DRAM, a total of 2.5 TB mass storage, along with a comprehensive array of USB, Ethernet, WiFi, Bluetooth, audio, and media reader ports, provide everything required to fully realize your potential with Autodesk software - all in an ultra thin and light mobile workstation.



3ds MAX gives you the power to create stunningly photorealistic renders for client reviews or marketing materials in record time. Because 3DS MAX takes full advantage of the NVIDIA Quadro graphics and compute performance built into every **PREVAILPRO** system, your renders will finish faster, look better, and allow the exploration of additional creative avenues.



PREVAILPRO allows you to take full advantage of AutoCAD's 3D features, experience superior image quality, and realize truly interactive performance, even when working with the most complex components, assemblies or designs. This allows you to work more quickly, explore additional ideas and design iterations, and still get your projects done faster, while raising client satisfaction and boosting your bottom line.



PREVAILPRO provides exceptional performance in all INVENTOR 3D CAD design modes. This means you can easily dial-up the complexity of your designs, visualize every angle faster, and work out issues earlier in the design process. In addition, NVIDIA professional graphics let you work faster in Showcase® as part of Autodesk Product Design Suite for design reviews and product walk-throughs.



PREVAILPRO lets you speed up even the most challenging projects and take advantage of next-generation display technology, accelerated modeling workflows, and advanced tools for handling complex data. NVIDIA Quadro graphics performance helps provide a realistic and physically accurate, highly interactive environment that closely matches final output and boosts MAYA caching capabilities when modeling, shading, and rendering to help accelerate workflows for requiring near-photorealistic results.

With CHAOS GROUP V-Ray, Maxwell, Octane Render and Redshift (among others) available to bring physically based and GPU accelerated raytracing to MAYA, artists can experience interactive and intuitive scene lighting and design throughout the entire look-development process using native MAYA controls.



Using the power of the Quadro graphics, **PREVAILPRO** systems let you rotate, zoom and interact easily with your 3D drawings even with very large and complex models. In addition, using Iray for REVIT lets you visualize your designs throughout the project lifecycle. Materials and lighting built upon NVIDIA Material Definition Language match the real world within the Building Information Modeling (BIM) project.

REVIT Live and **PREVAILPRO** enables you to feel the 3D presence of your product or model, see it at scale and identify early opportunities for iterative improvement, saving time and money.

	P3000 BASE	P3000 UPGRADED PRO	P4000 UPGRADED PRO (VR-READY)	VR READY
PART NUMBER	MWS-P3B-ENUSP1-PB	MWS-P3P-ENUSP-PB	MWS-P4P-ENUSP-PB	
WARRANTY	1-Year Limited*	3-Year Limited*	3-Year Limited*	
MEMORY	16GB (2 × 8GB) DDR4 2400MHz SODIMM	32GB (2 × 16GB) DDR4 2400MHz SODIMM	32GB (2 × 16GB) DDR4 2400MHz SODIMM	
PRIMARY STORAGE	128GB M.2 2280 PCIe (Gen. 3×4) NVMe SSD	512GB M.2 2280 PCIe (Gen. 3×4) NVMe SSD	512GB M.2 2280 PCIe (Gen. 3×4) NVMe SSD	
SECONDARY STORAGE	1TB 2.5" Hard Disk Drive	2TB 2.5" Hard Disk Drive	2TB 2.5" Hard Disk Drive	
DISPLAY	15.6" FHD (1920 × 1080)	15.6" UHD (3840 × 2160)	15.6" UHD (3840 × 2160)	
ASPECT RATIO	16:9 Panel			
PROCESSOR	Intel® Core™ i7-7700HQ processor			
PROCESSOR SPEED	2.8GHz Base (Boost Up to 3.8GHz)			
PROCESSOR CACHE	6MB Smart Cache			
CORE LOGIC	Mobile Intel® HM175 Express Chipset			
MEMORY	<ul style="list-style-type: none"> • Dual channel DDR4, supports up to 2400MHz • Two 260 pin SODIMM sockets • Expandable memory from 16GB to 32GB 			
PROFESSIONAL GPU	NVIDIA Quadro Mobile P3000 <ul style="list-style-type: none"> • 6GB GDDR5 GPU Memory • OpenGL 4.5 • DirectX® 12 • Vulkan compatible • CUDA™, OpenCL, Direct • Compute compatible Microsoft Hybrid Graphics Mode <ul style="list-style-type: none"> • Supports 4 active displays 	NVIDIA Quadro Mobile P4000 <ul style="list-style-type: none"> • 8GB GDDR5 GPU Memory • OpenGL 4.5 • DirectX® 12 • Vulkan compatible • NVIDIA VRWorks™ • CUDA™, OpenCL, Direct • Compute compatible Microsoft Hybrid Graphics Mode <ul style="list-style-type: none"> • Supports 4 active displays 		

FEATURES

KEYBOARD & POINTING DEVICE

- English full size keyboard and numeric keypad with LED backlighting
- Touchpad with built in TPM fingerprint sensor

AUDIO

SOUND BLASTER® X-Fi® MB5

- High Definition Audio
- S/PDIF digital output
- Built in array microphone
- Built in dual speakers
- ANSP™ 3D sound technology on headphone output

I/O PORTS

LEFT:

- Security lock slot
- DC power connector
- HDMI™ 2.0 with HDCP
- 2× Mini DisplayPort 1.3 ports
- 2× Type-C USB 3.1 Gen 2 ports
- 2× USB 3.1 Gen 1 ports

RIGHT:

- 3.5mm 2-in-1 Audio Jack (Microphone S/PDIF optical output)
- USB 3.1 Gen 1 port
- 6-in-1 Card Reader
- RJ-45 LAN port

CARD READER

6-in-1 Card Reader Supports:

- MMC / RS PhotoShopPremiere ProAfter EffectsIllustrator MMC
- SD / mini SD / SDHC / SDXC up to UHS-II

ADDITIONAL FEATURES:

BIOS

- 64Mb SPI Flash ROM
- AMI BIOS

POWER MANAGEMENT

- ACPI v5.0, Suspend to RAM (S3)
- Suspend to disk (S4)
- Soft off (S5)
- Battery low suspend, Wake on LAN (S5)
- Wake on USB (S3)
- Wake on RTC alarm (S4)

LED INDICATORS

Power/Status, Battery, HDD, Airplane Mode, Camera

CERTIFICATES

FCC Class B, CE, cTUVus, TUV, CB, RoHS

ENVIRONMENTAL SPECIFICATIONS

Temperature:

- Operating: 5°C ~ 35°C
- Non-Operating: -20°C ~ 60°C

Relative Humidity:

- Operating: 20% ~ 80%
- Non-Operating: 10% ~ 90%

COMMUNICATION

- Built-in 10/100/1000 BASE-T Ethernet
- Intel® Dual Band Wireless-AC 8265, 2 × 2 AC + BT 4.2 M.2 2230 (Windstorm Peak)

WEB CAM

2.0MP FHD video camera

POWER SUPPLY

Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 7.7A, 150W

BATTERY

Embedded 4 cell Li-Polymer battery pack, 55WH; Battery life: 300 minutes (with UMA mode, 55WH battery)

SECURITY

- Kensington® Lock Slot
- Secure Touchpad with TPM 2.0 fingerprint scanner

OS SUPPORT

Windows® 10 Pro 64-bit

LAPTOP DIMENSIONS

14.96" × 9.8" × 0.73"
(380mm x 248mm x 18mm)

WEIGHT

4.8 lbs. (2.2kg)

CERTIFIED BY:



WWW.PNY.COM/PREVAILPRO

For more information, contact a PNY account manager at 1-888-333-3657 or email: GOPNY@PNY.COM



Visit www.pny.com/mws-warranty for warranty details.

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