

PNY®

PREVAILPRO

MOBILE WORKSTATION

PRO PERFORMANCE. ANYTIME. ANYWHERE.

POWERED BY  NVIDIA® QUADRO® P3000



4K
ULTRA HD

DESIGNERS, CREATORS AND ENGINEERS – MEET PREVAILPRO!

Whether you are developing revolutionary products, working on editing or creating VFX for the next Hollywood blockbuster, designing innovative architecture, pushing forward scientific or technical frontiers, or need a powerful GPU to analyze video or other sensor data, PREVAILPRO gives you the performance and features required to do it anytime, anywhere.

POWERFUL • VERSATILE • 4K • THIN + LIGHT

UNCOMPROMISING POWER AND PERFORMANCE REQUIRED TO RUN YOUR DEMANDING PROFESSIONAL APPLICATIONS

PERFECT MATCH = Quadro P3000 MOBILE GPU + Seventh Generation Intel® Core™ i7-7700HQ Processor

The NVIDIA Quadro P3000 Mobile GPU features 1280 Pascal™ architecture CUDA cores, teamed with 6GB of high performance GDDR5 GPU memory, to handle your complex models or scenes, photorealistic rendering, or GPU accelerated computation which is increasingly required by demanding professional applications.

The Intel Core i7-7700HQ runs multiple CPU-intensive applications simultaneously while delivering the performance and interactivity you require. Experience fluidity and responsiveness, a more refined and expansive user experience, and longer battery life.



THIN & LIGHT DESIGN

Carry your mobile workstation with ease, the ultra-low profile design is only 0.73" thick (18mm) and only weighs 4.8 lbs (2.2kg).



0.73" | 4.8 lbs

1280 CUDA Cores
6GB GDDR5



EXPAND YOUR VISUAL WORKSPACE

Expand your visual workspace with up to 3 external 4K UHD displays (3840 x 2160 at 60Hz) with HDR color support that lets you view your creations in stunningly lifelike and vivid detail.





THIN AND LIGHT

MODEL P3000	BASE	UPGRADED PRO
PART NUMBER	MWS-P3B-ENUSP1-PB	MWS-P3P-ENUSP-PB
MEMORY	16GB (2 x 8GB) DDR4 2400MHz SODIMM	32GB (2 x 16GB) DDR4 2400MHz SODIMM
PRIMARY STORAGE	128GB M.2 2280 PCIe (Gen. 3x4) NVMe SSD	512GB M.2 2280 PCIe (Gen. 3x4) NVMe SSD
SECONDARY STORAGE	1TB 2.5" Hard Disk Drive	2TB 2.5" Hard Disk Drive
DISPLAY	15.6" FHD (1920 x 1080)	15.6" UHD (3840 x 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 	
WARRANTY	1-Year Limited*	3-Year Limited*

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
- 2x Mini DisplayPort 1.3 ports
- 2x Type-C USB 3.1 Gen 2 ports
- 2x 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 / RSMCMC
- SD / mini SD / SDHC / SDXC up to UHS-II

COMMUNICATION

- Built-in 10/100/1000 BASE-T Ethernet
- Intel® Dual Band Wireless-AC 8265, 2 x 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" x 9.8" x 0.73" (380mm x 248mm x 18mm)

WEIGHT

4.8 lbs. (2.2kg)

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%

CERTIFIED BY INDEPENDENT SOFTWARE VENDORS

PNY works with Independent Software Vendors (ISVs) to certify PREVAILPRO mobile workstations to ensure the utmost compatibility, performance and reliability professionals need when using industry leading applications.



AUTODESK® 3DS MAX®

AUTODESK® INVENTOR®

Ai Illustrator

Pr Premiere Pro

AUTODESK® AUTOCAD®

AUTODESK® MAYA®

Ae After Effects

Ps PhotoShop



* Features and specifications subject to change without notice. Adobe certification applies to the P4000 and P3000 Graphics Processor.

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

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WWW.PNY.COM/PNYPRO

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