



# PREVAILPRO

## MOBILE WORKSTATION

**PRO PERFORMANCE. ANYTIME. ANYWHERE.**

[PNY PREVAILPRO P3000 Base with 1-Year Warranty Web Copy](#)

[PREVAILPRO P3000 Base](#)  
[Part No. MWS-P3B-ENUSP1-PB](#)

[PRO PERFORMANCE. ANYTIME. ANYWHERE.](#)

Until now, mobile workstations really weren't very mobile and simply couldn't keep pace with desktop offerings. PNY's thin and light PREVAILPRO P3000 series resets expectations by delivering the ability to interactively work with large and complex models or scenes, drive up to three 4K UHD displays simultaneously, or generate photorealistic renders on the road, without straining shoulders or breaking budgets – all with unmatched NVIDIA Quadro performance, features and ISV compatibility.

This configuration is based on the Quadro P3000 GPU with 1280 CUDA cores and 6GB of GDDR5 GPU memory. Capable of delivering up to 3.1 TFLOPS of FP32 performance, the P3000 powers through today's most sophisticated Manufacturing, DCC, M&E or Scientific and Technical applications. Complemented by an Intel Core i7-7700HQ processor running at 2.8GHz and the Mobile Intel HM175 Express Chipset, a balanced system architecture suitable for any mobile use case is realized. 16GB of high performance DDR4 2400MHz SODIMM memory provides plenty of room for application data, while a 128GB M.2 PCIe NVMe SSD and a 1TB 2.5" HDD provides ample storage. The built-in 16:9 aspect ratio 15.6" FHD (1920 x 1080) display provides superb clarity and vivid color.

A full complement of I/O ports, including HDMI 2.0, 2x mDP 1.3, 3x USB 3.1 Gen 1, 2x USB 3.1 Gen 2 Type-C, 1000BASE-T Ethernet, Wi-Fi, Bluetooth, audio input and output and a versatile media card reader are all provided. A full size English keyboard and numeric keypad, both with LED backlighting, and a touchpad with a built in fingerprint sensor deliver superior ergonomics and security.

Weighing only 4.8 lbs (2.2kg), with dimensions of 14.95" x 9.8" x 0.73" (380mm x 249mm x 18mm), this svelte system is fuelled by a 4 cell Li-Polymer 55WH battery pack good for up to 300 minutes in UMA mode. This system is optimized for and features Windows 10 Professional 64-bit.

PREVAILPRO lets you experience the world's most powerful visual computing platform everywhere – for the ultimate in creative freedom. Whether you're developing revolutionary products, telling

spectacularly vivid visual stories, designing transformational architecture, or creating the most lifelike, immersive virtual environments, PREVAILPRO gives you the performance to do it brilliantly.

## FEATURES

- Powered by NVIDIA Quadro P3000 with 6GB GDR5 GPU memory
- Workstation-class performance in a mobile, thin and light design (0.73" thin, weighs 4.8 lbs)
- Drives up to three 4K UHD displays simultaneously
- Intel Core i7-7700HQ, 16GB DRAM, 128GB SSD and 1TB secondary HDD

## SPECIFICATIONS

<b>Memory</b>	16GB (2x 8GB) DDR4 2400MHz SODIMM
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<b>Primary Storage</b>	128GB M.2 2280 PCIe (Gen.3 x4) NVMe SSD
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<b>Secondary Storage</b>	1TB 2.5" HDD
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<b>Display</b>	15.6" FHD (1920 × 1080)
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<b>Aspect Ratio</b>	16:9 Panel
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<b>Processor</b>	Intel® Core™ i7-7700HQ processor
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<b>Processor Speed</b>	2.8GHz Base (Turbo up to 3.8GHz)
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<b>Processor Cache</b>	6MB Smart Cache
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<b>Core Logic</b>	Mobile Intel® HM175 Express Chipset
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**Memory**

Dual channel DDR4, supports up to 2400MHz two 260 pin SODIMM sockets.  
Expandable memory from 16GB to 32GB

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**Professional GPU****NVIDIA Quadro Embedded P3000**

6GB GDDR5 GPU Memory

OpenGL 4.5

DirectX® 12

Vulkan

CUDA™

OpenCL,

Direct Compute compatible

**Microsoft Hybrid Graphics mode**

Supports 4 active displays

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**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

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**Keyboard and Pointing Device**

English full size LED backlit keyboard and numeric keypad, Touchpad with built in TPM fingerprint sensor

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**I/O Ports****Left:**

Security lock slot

DC power connector

HDMI™ 2.0 with HDCP 2.0

2x Mini DisplayPort 1.3

2x Type-C USB 3.1 Gen 2 ports

2x USB 3.1 Gen 1 ports

**Right:**

3.5mm Head phone jack

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 1000BASE-T Ethernet port

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<b>Card Reader</b>	<b>6-in-1 Card reader supports</b> MMC / RSMMC SD / mini SD / SDHC / SDXC up to UHS-II
<b>Communication</b>	Built in 10/100/1000Mb Base-TX Ethernet LAN Intel® Dual Band Wireless-AC 8265, 2 AC + BT 4.2 M.2 2230 (Windstorm Peak)
<b>Web Cam</b>	2.0M FHD video camera
<b>Power Supply</b>	Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 7.7A, 150W
<b>Battery</b>	Embedded 4 cell Li-Polymer battery pack, 55WH; Battery life: 300 minutes (with UM mode, 55WH Battery)
<b>Security</b>	Kensington® Lock Slot Secure Touchpad with TPM 2.0 fingerprint scanner
<b>OS Support</b>	Windows®10 Professional 64-bit License
<b>Laptop Dimension</b>	14.96" x 9.8" x 0.73"   380mm x 248mm x 18mm
<b>Weight</b>	4.8 Lbs. (2.2kg)
<b>BIOS</b>	64Mb SPI Flash ROM AMI BIOS
<b>Power Management</b>	ACPI v5.0, Suspend to RAM (S3), Suspend to disk (S4), Soft off (S5), Battery low suspen Wake on LAN (S5), Wake on USB (S3), Wake on RTC alarm (S4)

**LED Indicators**

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

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**Certificates**

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

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**Environmental  
Specifications****Temperature:**

Operating: 5°C - 35°C

Non-Operating: -20°C - 60°C

**Relative Humidity:**

Operating: 20% - 80%

Non-Operating: 10% - 90%

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**Warranty**

1-Year Limited

\*For more information about the warranty visit [www.pny.com/mws-warranty](http://www.pny.com/mws-warranty)