

PNY[®]

PREVAILPRO

MOBILE WORKSTATION

PRO PERFORMANCE. ANYTIME. ANYWHERE.

PNY PREVAILPRO P3000 Upgraded PRO with 3-Year Warranty Web Copy

PREVAILPRO P3000 Upgraded PRO
Part No. MWS-P3P-ENUSP-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 four 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. 32GB of high performance DDR4 2400MHz SODIMM memory provides plenty of room for application data, while a 512GB M.2 PCIe NVMe SSD and a 2TB 2.5" HDD provides ample storage. The built-in 16:9 aspect ratio 15.6" UHD (3840 x 2160) 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.

PREVAIL**PRO** 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, PREVAIL**PRO** gives you the performance to do it brilliantly.

FEATURES

- Powered by NVIDIA Quadro P3000 with 6GB GDDR5 GPU memory
- Workstation-class performance in a mobile, thin and light design (0.73" thin, weighs 4.8 lbs)
- Drives up to four 4K UHD displays simultaneously
- Intel Core i7-7700HQ, 32GB DRAM, 512GB SSD and 2TB secondary HDD

SPECIFICATIONS

Memory	32GB (2x 16GB) DDR4 2400MHz SODIMM
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Primary Storage	512GB M.2 2280 PCIe (Gen.3 x4) NVMe SSD
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Secondary Storage	2TB 2.5" HDD
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Display	15.6" UHD (3840 × 2160)
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Aspect Ratio	16:9 Panel
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Processor	Intel® Core™ i7-7700HQ processor
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Processor Speed	2.8GHz Base (Turbo up to 3.8GHz)
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Processor Cache	6MB Smart Cache
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Core Logic	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

Professional GPU **NVIDIA Quadro P3000**
6GB GDDR5 GPU Memory
OpenGL 4.5
DirectX® 12
Vulkan
CUDA™
OpenCL,
Direct Compute compatible
Microsoft Hybrid Graphics mode
Supports 4 active displays

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

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

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
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

Card Reader	6-in-1 Card reader supports MMC / RSMMC SD / mini SD / SDHC / SDXC up to UHS-II
Communication	Built in 10/100/1000Mb Base-TX Ethernet LAN Intel® Dual Band Wireless-AC 8265, 2x2 AC + BT 4.2 M.2 2230 (Windstorm Peak)
Web Cam	2.0M 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 Professional 64-bit License
Laptop Dimension	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%

Warranty

3-Year Limited

*For more information about the warranty visit www.pny.com/mws-warranty