PNY®

PREVAILPRO
MOBILE WORKSTATION
PRO PERFORMANCE. ANYTIME. ANYWHERE.

POWERED BY 🔷 **NVIDIA® QUADRO® P4000**

VR READY **MAX-Q DESIGN** **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, creating immersive VR environments 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 P4000 MOBILE GPU + Seventh Generation Intel® Core™ i7-7700HQ Processor

The NVIDIA Quadro P4000 Mobile GPU features 1792 Pascal™ architecture CUDA cores, teamed with 8GB of high performance GDDR5 GPU memory, to handle your complex models or scenes, photorealistic rendering, and immersive VR experiences, 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.
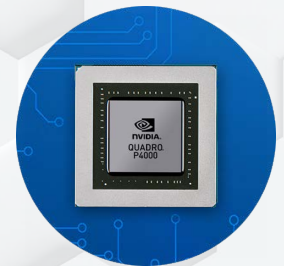
THIN & LIGHT DESIGN

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

1792 CUDA Cores
8GB 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.

NVIDIA QUADRO · MAX-Q DESIGN · intel · 4K ULTRA HD · ISV CERTIFIED · VR READY · THIN AND LIGHT

MODEL P4000 · UPGRADED PRO

PART NUMBER	MWS-P4P-ENUSP-PB
MEMORY	32GB (2 × 16GB) DDR4 2400MHz SODIMM
PRIMARY STORAGE	512GB M.2 2280 PCIe (Gen. 3×4) NVMe SSD
SECONDARY STORAGE	2TB 2.5" Hard Disk Drive
DISPLAY	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	• Dual channel DDR4, supports up to 2400MHz • Two 260 pin SODIMM sockets • Expandable memory from 16GB to 32GB
PROFESSIONAL GPU	NVIDIA Quadro Mobile P4000 • 8GB GDDR5 GPU Memory • OpenGL 4.5 • DirectX® 12 • Vulkan compatible • NVIDIA VRWorks™ • CUDA™, OpenCL, Direct • Compute compatible **Microsoft Hybrid Graphics Mode** • Supports 4 active displays
WARRANTY	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
- 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 / RSMMC
- 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 × 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)

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® — AUTODESK 3DS MAX · AUTODESK INVENTOR · AUTODESK AUTOCAD · AUTODESK MAYA

Adobe — Ai Illustrator · Pr Premiere Pro · Ae After Effects · Ps PhotoShop

DASSAULT SYSTEMES · SOLID EDGE · SOLIDWORKS

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* 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.*

WWW.PNY.COM/PNYPRO