





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.

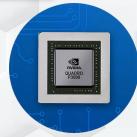


THIN & LIGHT DESIGN

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

1280 CUDA Cores





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.











PART NUMBER		
	MWS-P3B-ENUSP1-PB	MWS-P3P-ENUSP-PB
MEMORY	16GB (2×8GB) 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
SECONDARY STORAGE	1TB 2.5" Hard Disk Drive	2TB 2.5" Hard Disk Drive
DISPLAY	15.6" FHD (1920 × 1080)	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 P3000 • 6GB GDDR5 GPU Memory • OpenGL 4.5 • DirectX® 12 • Vulkan compatible • CUDA TM , OpenCL, Direct • Compute compatible Microsoft Hybrid Graphics Mode	
WARRANTY	Supports 4 active displays 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

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)

BIOS

- · 64Mb SPI Flash ROM
- · AMI BIOS

SOUND BLASTER® X-FI® MB5

· High Definition Audio

AUDIO

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

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

Embedded 4 cell Li-Polymer

battery pack, 55WH; Battery

life: 300 minutes (with UMA

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)

LED INDICATORS

· Wake on RTC alarm (S4)

Power/Status, Battery, HDD,

Airplane Mode, Camera

BATTERY

· Security lock slot

I/O PORTS

LEFT:

- · 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

mode, 55WH battery) SECURITY

OS SUPPORT

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

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)

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%

CARD READER

6-in-1 Card Reader Supports:

- MMC / RSMMC
- · SD / mini SD / SDHC / SDXC up to UHS-II

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.

Adobe







Illustrator

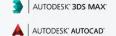


Premiere Pro











AUTODESK' INVENTOR' AUTODESK' MAYA'



After Effects



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