

MOBILE P4000

PRO PERFORMANCE. ANYTIME. ANYWHERE.

MAX-Q
DESIGN



Introducing the PREVAILPRO P4000 from PNY, a powerful, lightweight and ultra-thin VR-Ready mobile workstation. Powered by NVIDIA® Quadro® P4000 GPU with Max-Q design, the PREVAILPRO P4000 features the workstation-class performance required to handle complex models or scenes, provide photorealistic rendering, and advanced display technologies to deliver the expansive visual workspace, or immersive VR experiences, that are increasingly required by demanding professional applications.

MODEL	UPGRADED PRO	FEATURES		
PART NUMBER	MWS-P4P-ENUSP-PB	KEYBOARD & POINTING DEVICE	COMMUNICATION	BIOS
MEMORY	32GB (2x 16GB) DDR4 2400MHz SODIMM	<ul style="list-style-type: none"> English full size keyboard and numeric keypad with LED backlighting Touchpad with built in TPM fingerprint sensor 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> 64Mb SPI Flash ROM AMI BIOS
PRIMARY STORAGE	512GB M.2 2280 PCIe (Gen. 3 x4) NVMe SSD	AUDIO	WEB CAM	POWER MANAGEMENT
SECONDARY STORAGE	2TB 2.5" Hard Disk Drive	SOUND BLASTER® X-FI® MB5	2.0M FHD video camera	<ul style="list-style-type: none"> 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)
DISPLAY	15.6" UHD (3840 x 2160)	<ul style="list-style-type: none"> High Definition Audio S/PDIF digital output Built in array microphone Built in dual speakers ANSP™ 3D sound technology on headphone output 	POWER SUPPLY	LED INDICATORS
ASPECT RATIO	16:9 Panel	I/O PORTS	Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 7.7A, 150W	Power/Status, Battery, HDD, Airplane Mode, Camera
PROCESSOR	Intel® Core™ i7-7700HQ processor	LEFT:	BATTERY	CERTIFICATES
PROCESSOR SPEED	2.8GHz Base (Boost Up to 3.8GHz)	<ul style="list-style-type: none"> 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 	Embedded 4 cell Li-Polymer battery pack, 55WH; Battery life: 300 minutes (with UMA mode, 55WH battery)	FCC Class B, CE, cTUVus, TUV, CB, RoHS
PROCESSOR CACHE	6MB Smart Cache	RIGHT:	SECURITY	ENVIRONMENTAL SPECIFICATIONS
CORE LOGIC	Mobile Intel® HM175 Express Chipset	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Kensington® Lock Slot Secure Touchpad with TPM 2.0 fingerprint scanner 	Temperature: <ul style="list-style-type: none"> Operating: 5°C ~ 35°C Non-Operating: -20°C ~ 60°C Relative Humidity: <ul style="list-style-type: none"> Operating: 20% ~ 80% Non-Operating: 10% ~ 90%
MEMORY	Dual channel DDR4, supports up to 2400MHz Two 260 pin SODIMM sockets Expandable memory from 16GB to 32GB	CARD READER	OS SUPPORT (OPTIONAL)	
PROFESSIONAL GPU	NVIDIA Quadro Mobile P4000 <ul style="list-style-type: none"> 8GB GDDR5 GPU Memory OpenGL 4.5 DirectX® 12 Vulkan compatible NVIDIA VRWorks™ CUDA™, OpenCL, Direct Compute compatible Microsoft Hybrid Graphics Mode <ul style="list-style-type: none"> Supports 4 active displays 	6-in-1 Card Reader Supports: <ul style="list-style-type: none"> MMC / RSMHC SD / mini SD / SDHC / SDXC up to UHS-II 	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)	



MAX-Q
DESIGN



4K
ULTRA HD



VR
READY

THIN AND LIGHT

* Features and specifications subject to change without notice.

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

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MOBILE P3000

PRO PERFORMANCE. ANYTIME. ANYWHERE.

PNY PREVAILPRO P3000 series resets mobile workstation expectations by delivering the power and performance demanded by today's compute and graphics intensive professional applications in a lightweight and ultra-thin form factor. Powered by the NVIDIA Quadro P3000, the PREVAILPRO P3000 offers the ability to interactively work with large and complex models or scenes, drive up to four 4K UHD displays simultaneously and generate photorealistic renders on-the-go - all with unmatched NVIDIA Quadro performance, features and ISV compatibility.

MODEL	BASE	UPGRADED PRO	FEATURES
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	KEYBOARD & POINTING DEVICE <ul style="list-style-type: none"> English full size keyboard and numeric keypad with LED backlighting Touchpad with built in TPM fingerprint sensor
PRIMARY STORAGE	128GB M.2 2280 PCIe (Gen. 3 x 4) NVMe SSD	512GB M.2 2280 PCIe (Gen 3 x 4) 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)	AUDIO SOUND BLASTER® X-FI® MB5 <ul style="list-style-type: none"> High Definition Audio S/PDIF digital output Built in array microphone Built in dual speakers ANSP™ 3D sound technology on headphone output
ASPECT RATIO	16:9 Panel	16:9 Panel	
PROCESSOR	Intel® Core™ i7-7700HQ processor		I/O PORTS LEFT: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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
PROCESSOR SPEED	2.8GHz Base (Boost Up to 3.8GHz)		
PROCESSOR CACHE	6MB Smart Cache		BATTERY Embedded 4 cell Li-Polymer battery pack, 55WH; Battery life: 300 minutes (with UMA mode, 55WH battery)
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		SECURITY <ul style="list-style-type: none"> Kensington® Lock Slot Secure Touchpad with TPM 2.0 fingerprint scanner
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 		
			COMMUNICATION <ul style="list-style-type: none"> 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 2.0M FHD video camera
			POWER SUPPLY Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 7.7A, 150W
			BIOS <ul style="list-style-type: none"> 64Mb SPI Flash ROM AMI BIOS
			POWER MANAGEMENT <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> Operating: 5°C ~ 35°C Non-Operating: -20°C ~ 60°C Relative Humidity: <ul style="list-style-type: none"> Operating: 20% ~ 80% Non-Operating: 10% ~ 90%
			OS SUPPORT (OPTIONAL) 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)
			CARD READER 6-in-1 Card Reader Supports: <ul style="list-style-type: none"> MMC / RSMHC SD / mini SD / SDHC / SDXC up to UHS-II



THIN AND LIGHT

* Only available on MWS-P3P-ENUSP-PB

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

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