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| Embargo Date | 9/9/2021 @ 06:00AM PDT |
| Product Full Name / Title | CORSAIR MP600 PRO XT Hydro X Edition Gen4 PCIe x4 NVMe M.2 SSD – High-Density TLC NAND – Hydro X Series XM2 Water Block – M.2 2280 Form-Factor |
| Product Imagery Link | https://corsair.sharefile.com/f/foe87409-ab37-42a6-91fa-db13170817ab |
| Video Link | https://corsair.sharefile.com/f/fob1019c-91e0-427f-acf3-3d9310905b85 |
| Compatibility List | M.2 2280 Interface Connector Windows 10, Mac OS X |
| Description | MP600 PRO XT Hydro X Edition Gen4 PCIe x4 M.2 NVMe SSD |



Overview

100 Word Product Description

The CORSAIR MP600 PRO XT HX Gen4 PCIe x4 NVMe M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve blazing fast sequential read speeds of up to 7,100MB/sec. High-density TLC NAND flash memory offers an ideal mix of performance, endurance, and value, with longevity up to 3,000TB Written. Factory-built and tested with a Hydro X Series XM2 Water Block, the MP600 PRO XT HX is easily added to a custom cooling loop for maximum performance. Contained in a compact M.2 2280 form-factor and connecting over a high-speed NVMe 1.4 PCIe Gen4 x4 M.2 interface, the MP600 PRO XT HX is easy to install into a compatible motherboard and is backed by a five-year warranty. If you're looking for extreme storage performance, go with Gen4 for blazing fast speed.

Overview

50 Word Product Description

The CORSAIR MP600 PRO XT HX Gen4 PCIe x4 NVMe 1.4 M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve blazing fast sequential read speeds of up to 7,100MB/sec. High-density TLC NAND flash memory offers an ideal mix of performance, endurance, and value, while the integrated Hydro X Series XM2 Water Block lets you add your SSD to a custom cooling loop.

Overview

25 Word Product Description

The CORSAIR MP600 PRO XT HX Gen4 PCIe x4 NVMe 1.4 M.2 SSD uses Gen4 PCIe technology and a Hydro X Series water block to achieve blazing fast sequential read speeds of up to 7,100MB/sec.

Features and Benefits

Style 1

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| <ul style="list-style-type: none"> ● A PCIe Gen4 x4 extreme data performance controller delivers up to 7,100MB/sec sequential read and 6,800MB/sec sequential write speeds*, for read, write, and response times that leave standard M.2 SSDs in the dust. |
| <ul style="list-style-type: none"> ● Leveraging PCIe Gen4 NVMe 1.4 technology for maximum bandwidth, the MP600 PRO XT delivers incredible storage performance. |
| <ul style="list-style-type: none"> ● High-density 3D TLC NAND provides the ideal mix of performance, endurance, and value to keep your drive performing at its best for years. |
| <ul style="list-style-type: none"> ● Factory-built and tested with a Hydro X Series XM2 Water Block to easily add the MP600 PRO XT Hydro X to your custom cooling loop and achieve maximum performance. |
| <ul style="list-style-type: none"> ● With outstanding endurance up to 3,000TB Written,* the MP600 PRO XT Hydro X's longevity ensures that it will reliably store your data through many years of use. |
| <ul style="list-style-type: none"> ● More than 1M+ input/output operations per second (IOPS) mean your system and games load faster than ever. |
| <ul style="list-style-type: none"> ● Compact M.2 2280 industry standard form-factor fits directly into your motherboard. |

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| | <ul style="list-style-type: none"> • CORSAIR SSD Toolbox software enables advanced drive controls from your desktop, such as secure erase |
| | <ul style="list-style-type: none"> • Comprehensive five-year warranty for peace of mind. |
| | * Performance and endurance vary by capacity. |
| Style 2 | |
| | <ul style="list-style-type: none"> • Extreme Gen4 Storage Performance: A PCIe Gen4 x4 controller delivers up to 7,100MB/sec sequential read and 6,800MB/sec sequential write speeds, for read, write, and response times that leave standard M.2 SSDs in the dust. |
| | <ul style="list-style-type: none"> • High-speed Gen4 PCIe x4 NVMe 1.4 M.2 Interface: Using PCIe Gen4 technology for maximum bandwidth, the MP600 PRO XT Hydro X delivers incredible storage performance. |
| | <ul style="list-style-type: none"> • High-Density 3D TLC NAND: Provides the ideal mix of performance, endurance, and value to keep your drive performing at its best for years. |
| | <ul style="list-style-type: none"> • Hydro X Series XM2 Water Block: Easily add the MP600 PRO XT Hydro X to your custom cooling loop and achieve maximum performance. |
| | <ul style="list-style-type: none"> • Outstanding Endurance: Guaranteed for up to 3,000TB Written, the MP600 PRO XT Hydro X's longevity ensures that it will reliably store your data through many years of use. |
| | <ul style="list-style-type: none"> • More Than 1M+ IOPS: High input/output operations per second mean your system and games load faster than ever. |
| | <ul style="list-style-type: none"> • Compact M.2 2280 Form-Factor: Fits directly into your motherboard. |
| | <ul style="list-style-type: none"> • CORSAIR SSD Toolbox Software: Enables advanced drive controls from your desktop including secure erase and firmware updates. |
| | <ul style="list-style-type: none"> • Comprehensive Five-Year Warranty: Long-term reliability and industry-leading customer support for peace of mind. |
| | * Performance and endurance vary by capacity. |

Technical Specification

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|-----------------|-----------------|-------------------------|---------------------|
| Capacity: | 2TB | Sequential Read(CDM): | Up to 7,100 MB/s |
| Interface Type: | PCIe Gen 4.0 x4 | Sequential Write (CDM): | Up to 6,800 MB/s |
| Form Factor: | M.2 2280 | 4K Random Read: | Up to 1M IOPS |
| PCIe Protocol: | NVMe 1.4 | 4K Random Write: | Up to 1.2M IOPS |
| Controller: | PS5018-E18 | Software: | Corsair SSD Toolbox |
| NAND Type: | 3D TLC | PCB Form Factor: | Double-Sided |
| DRAM cache: | Yes | | |

Power Consumption

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|------------------------------|-----------------|---------------------|------------|
| Idle: | < 5mW | Active Read: | 8.3W |
| Endurance: | 1,400 TBW | Active Write: | 8.5W |
| MTBF: | 1,600,000 hours | Devslp: | PS4: <3mW |
| TRIM: | Yes | SMART: | Yes |
| Garbage collection: | Yes | Bad block: | Yes |
| Static and Dynamic leveling: | Yes | Encryption support: | AES 256bit |

Environmental Specification

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|------------------------|----------------|-------------------|------------------|
| Operating Temperature: | 0°C to +70°C | Storage Humidity: | 40°C 93% RH |
| Storage Temperature: | -40°C to +85°C | Shock: | 1500G |
| Operating Humidity: | 40°C 90% RH | Vibration: | 20Hz~80Hz/1.52mm |

Box Contents

MP600 PRO XT Hydro X Edition M.2 SSD, QSG

Search Terms

pcie gen4
 nvme ssd
 m.2 ssd
 Additional Keywords:
 corsair ssd
 nvme ssd
 nvme pcie gen4 x4

Shipping Information

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|------------------------------------|--|-----------------|
| Product Dimensions | 70mm x 23mm x 19mm / 2.76" x 0.91" x 0.75" | |
| Product Weight | 0.051kg / 0.112lbs | |
| Shipping Dimensions | 135mm x 110mm x 28mm / 5.31" x 4.33" x 1.10" | |
| Shipping Weight | 0.11kg / 0.24lbs | |
| Inner Pack Quantity | 10 | |
| Inner Pack Dimensions | 320mm x 150mm x 125mm / 12.60" x 5.91" x 4.92" | |
| Inner Pack Shipping Weight | 1.3kg / 2.87lbs | |
| Master Pack Quantity | 80 | |
| Master Pack Dimensions | 660mm x 325mm x 285mm / 25.98" x 12.80" x 11.22" | |
| Master Pack Shipping Weight | 11.4kg / 25.13lbs | |
| Warranty | 5 Years | |
| Harmonized Tariff Code | 8523.51.0000 | |
| Country of Origin | TAIWAN | |
| Part Number/ UPC | Part Number | UPC Code |
| | CSSD-F2000GBMP600PHXT | 840006648413 |



