

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

●	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.
●	Leveraging PCIe Gen4 NVMe 1.4 technology for maximum bandwidth, the MP600 PRO XT delivers incredible storage performance.
●	High-density 3D TLC NAND provides the ideal mix of performance, endurance, and value to keep your drive performing at its best for years.
●	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.
●	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.
●	More than 1M+ input/output operations per second (IOPS) mean your system and games load faster than ever.
●	Compact M.2 2280 industry standard form-factor fits directly into your motherboard.

	<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

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

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

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

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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

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



