CORSAIR

Embargo Date	9/9/2021 @ 06:00AM PDT
Product Full Name / Title	CORSAIR MP600 PRO XT Gen4 PCIe x4 NVMe M.2 SSD – High-Density TLC NAND – Aluminum Heatspreader – M.2 2280 Form-Factor
Product Imagery Link	https://corsair.sharefile.com/f/fod721cd-f257-4074-9e7d-49a4d0439a62
Video Link	https://corsair.sharefile.com/f/fo1e2b0a-66a8-434e-bce3-68aff2f3e6fc
Compatibility List	M.2 2280 Interface Connector Windows 10, Mac OS X
Description	Corsair MP600 PRO XT 1TB M.2 NVMe PCIe Gen. 4 x4 SSD

Overview
100 Word Product Description

The CORSAIR MP600 PRO XT Gen4 PCIe x4 NVMe 1.4 M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve unbelievably fast sequential read speeds of up to 7,100MB/sec and sequential write speeds of up to 6,800MB/sec. High-density TLC NAND flash memory offers an ideal mix of performance and endurance, with longevity up to 3,000TB Written. Contained in a compact M.2 2280 form factor with a stylish aluminum heatspreader and connecting over a high-speed NVMe 1.4 PCIe Gen4 x4 M.2 interface, the MP600 PRO XT 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 Gen4 PCIe x4 NVMe 1.4 M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve unbelievably fast sequential read speeds of up to 7,100MB/sec and sequential write speeds of up to 6,800MB/sec. High-density TLC NAND flash memory offers an ideal mix of performance and endurance, while a stylish aluminum heatspreader helps maintain high speeds.

Overview
25 Word Product Description

The CORSAIR MP600 PRO XT Gen4 PCIe x4 NVMe 1.4 M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve unbelievably fast sequential read and write speeds.

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 phenomenal 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 and endurance to keep your drive performing at its best for years.
	• A stylish aluminum heatspreader helps disperse heat and reduce throttling, so your SSD maintains sustained high performance.
	• With outstanding endurance up to 3,000TB Written*, the MP600 PRO XT's longevity ensures that it reliably stores 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 onto your motherboard.

	● Backward compatible with PCIe Gen3** for the versatility to run in a multitude of systems.
	● CORSAIR SSD Toolbox software enables advanced drive controls from your desktop, such as secure erase
	● Comprehensive five-year warranty for peace of mind.
	* Performance and endurance vary by capacity. ** Lower performance on PCIe Gen3.
Style 2	
	● **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 phenomenal read, write, and response times that leave standard M.2 SSDs in the dust.
	● **Your PC Made Faster:** Load games, boot Windows, open and transfer files, all faster than ever.
	● **High-speed Gen4 PCIe x4 NVMe 1.4 M.2 Interface:** Using PCIe Gen4 technology for maximum bandwidth, the MP600 PRO XT delivers incredible storage performance
	● **High-Density 3D TLC NAND:** Provides the ideal mix of performance and endurance to keep your drive performing at its best for years.
	● **Stylish Aluminum Heatspreader:** Helps disperse heat and reduce throttling, so your SSD maintains sustained high performance.
	● **Outstanding Endurance:** Guaranteed for up to 3,000TB Written, the MP600 PRO XT's longevity ensures that it reliably stores your data through many years of use.
	● **More Than 1M+ IOPS:** High input/output operations per second mean your system and games load faster than ever.
	● **Compact M.2 2280 Form-Factor:** Fits directly onto your motherboard.
	● **Backward Compatibility with PCIe Gen3**:** The versatility to run in a multitude of systems.
	● **CORSAIR SSD Toolbox Software:** Enables advanced drive controls from your desktop including secure erase and firmware updates.
	● **Comprehensive Five-Year Warranty:** Long-term reliability and industry-leading customer support for peace of mind.
	* Performance and endurance vary by capacity. ** Lower performance on PCIe Gen3.

Technical Specification

Capacity:	1TB	Sequential Read(CDM):	Up to 7,100 MB/s
Interface Type:	PCIe Gen 4.0 x4	Sequential Write (CDM):	Up to 5,800 MB/s
Form Factor:	M.2 2280	4K Random Read:	Up to 900K 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:	Single-Sided
DRAM cache:	Yes		

Power Consumption

Idle:	< 5mW	Active Read:	6.6W
Endurance:	700 TBW	Active Write:	6.6W
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

MP600 PRO XT Series M.2 SSD with heatsink, QSG

Search Terms

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

Shipping Information

Product Dimensions	22mm x 80mm x 19mm / 0.87" x 3.15" x 0.59"
Product Weight	0.066kg / 0.146lbs
Shipping Dimensions	135mm x 110mm x 28mm / 5.31" x 4.33" x 1.102"
Shipping Weight	0.117kg / 0.258lbs
Inner Pack Quantity	10
Inner Pack Dimensions	320mm x 150mm x 125mm / 12.60" x 5.91" x 4.92"
Inner Pack Shipping Weight	1.35kg / 2.98lbs
Master Pack Quantity	80
Master Pack Dimensions	660mm x 325mm x 285mm / 25.98" x 12.80" x 11.22"
Master Pack Shipping Weight	11.8kg / 26.01lbs
Warranty	5 Years
Harmonized Tariff Code	8523.51.0000
Country of Origin	TAIWAN

Part Number/ UPC	Part Number	UPC Code
	CSSD-F1000GBMP600PXT	840006645085