

Embargo Date	28-Jan-2021
First Customer Ship Date	22-Jan-2021
Product Full Name / Title	CORSAIR MP600 PRO Gen4 PCIe x4 NVMe M.2 SSD – High-Density TLC NAND – Aluminum Heatspreader – M.2 2280 Form-Factor
Product Imagery Link	LINK
Video Link	LINK
Compatibility List	M.2 2280 Interface Connector Windows 10, Mac OS X
Description	Corsair MP600 PRO 1TB M.2 NVMe PCIe Gen. 4 x4 SSD



Overview

100 Word Product Description

The CORSAIR MP600 PRO Gen4 PCIe x4 NVMe M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve blazing fast speeds of up to 7,000MB/sec sequential read and 6,850MB/sec sequential write. High-density TLC NAND flash memory offers an ideal mix of performance, endurance, and value, with longevity up to 3,600TB Written. Contained in a compact M.2 2280 form factor with a built-in aluminum heatspreader and connecting over a high-speed NVMe 1.4 PCIe Gen4 x4 M.2 interface, the MP600 PRO 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 Gen4 PCIe x4 NVMe 1.4 M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve blazing fast speeds of up to 7,000MB/sec sequential read and 6,850MB/sec sequential write. High-density TLC NAND flash memory offers an ideal mix of performance, endurance, and value, while a built-in aluminum heatspreader helps maintain high speeds.

Overview

25 Word Product Description

The CORSAIR MP600 PRO Gen4 PCIe x4 NVMe 1.4 M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve blazing fast speeds of up to 7,000MB/sec sequential read and 6,850MB/sec sequential write.

Features and Benefits

Style 1

<ul style="list-style-type: none"> ● A PCIe Gen4 x4 extreme data performance controller delivers up to 7,000MB/sec sequential read and 6,850MB/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 Gen 4 NVMe 1.4 technology for maximum bandwidth, the MP600 PRO 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"> ● A built-in aluminum heatspreader helps disperse heat and reduce throttling, so your SSD maintains sustained high performance.
<ul style="list-style-type: none"> ● With outstanding endurance up to 3,600TB Written*, the MP600 PRO's longevity ensures that it will reliably store your data through many years of use.
<ul style="list-style-type: none"> ● 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 and firmware updates.
	<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 7,000MB/sec sequential read and 6,850MB/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 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"> • Built-in Aluminum Heatspreader: Helps disperse heat and reduce throttling, so your SSD maintains sustained high performance.
	<ul style="list-style-type: none"> • Outstanding Endurance: Guaranteed for up to 3,600TB Written, the MP600 PRO's longevity ensures that it will reliably store your data through many years of use.
	<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:	1TB	Sequential Read(CDM):	7,000 MB/s
Interface Type:	PCIe Gen 4.0 x4	Sequential Write (CDM):	5,500 MB/s
Form Factor:	M.2 2280	4K Random Read:	360K IOPS
PCIe Protocol:	NVMe 1.4	4K Random Write:	780K 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:	6.2W
Endurance:	700 TBW	Active Write:	6.5W
MTBF:	1,700,000 hours	Devslp:	PS4: <2mW
TRIM:	Yes	SMART:	Yes
Garbage collection:	Yes	Bad block:	Yes
Static and Dynamic leveling:	Yes	Encryption support:	AES 256-bit Encryption

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 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, m.2 ssd, m.2 pcie ssd, m.2 ssd pcie, nvme, pcie nvme, pcie ssd, pci-e ssd, fast ssd, fast m.2 ssd, pcie m.2 ssd, pci-e m.2 ssd, amd matisse, amd ryzen 3000, amd zen 2, amd 3rd gen ryzen, amd x570, tlc nand, 3d tlc, amd b550, amd zen 3, amd ryzen 4000

Shipping Information

Product Dimensions	23mm x 80mm x 15mm / 0.91" x 3.15" x 0.59"	
Product Weight	0.034kg / 0.075lbs	
Shipping Dimensions	135mm x 110mm x 24mm / 5.31" x 4.33" x 0.94"	
Shipping Weight	0.072kg / 0.159lbs	
Inner Pack Quantity	10	
Inner Pack Dimensions	274mm x 120mm x 140mm / 10.79" x 4.72" x 5.51"	
Inner Pack Shipping Weight	1.1kg / 2.43lbs	
Master Pack Quantity	80	
Master Pack Dimensions	575mm x 263mm x 309mm / 22.64" x 10.35" x 12.17"	
Master Pack Shipping Weight	9.1kg / 20.06lbs	
Warranty	5 Years	
Harmonized Tariff Code	8523.51.0000	
Country of Origin	TAIWAN	
Part Number/ UPC	Part Number	UPC Code
	CSSD-F1000GBMP600PRO	840006637325

