

<b>Embargo Date</b>	27-Jul-2021
<b>First Customer Ship Date</b>	14-Jul-2021
<b>Product Full Name / Title</b>	CORSAIR MP600 PRO Gen4 PCIe x4 NVMe M.2 SSD – High-Density TLC NAND – Aluminum Heatspreader – M.2 2280 Form-Factor
<b>Product Imagery Link</b>	<a href="#">LINK</a>
<b>Video Link</b>	<a href="#">LINK</a>
<b>Compatibility List</b>	M.2 2280 Interface Connector Windows 10, Mac OS X
<b>Description</b>	Corsair MP600 PRO 4TB 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 3,000TB 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

- 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.
  - Leveraging PCIe Gen 4 NVMe 1.4 technology for maximum bandwidth, the MP600 PRO 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.
  - A built-in 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's longevity ensures that it will reliably store your data through many years of use.
  - Compact M.2 2280 industry standard form factor fits directly into your motherboard.
  - CORSAIR SSD Toolbox software enables advanced drive controls from your desktop, such as secure erase and firmware updates.
  - Comprehensive five-year warranty for peace of mind.
- \* Performance and endurance vary by capacity.

### Style 2

- **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.
  - **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.
  - **High-Density 3D TLC NAND:** Provides the ideal mix of performance, endurance, and value to keep your drive performing at its best for years.
  - **Built-in 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's longevity ensures that it will reliably store your data through many years of use.
  - **Compact M.2 2280 Form Factor:** Fits directly into your motherboard.
  - **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.

## Technical Specification

Capacity:	4TB	Sequential Read(CDM):	7,000 MB/s
Interface Type:	PCIe Gen 4.0 x4	Sequential Write (CDM):	6,850 MB/s
Form Factor:	M.2 2280	4K Random Read:	650K IOPS
PCIe Protocol:	NVMe 1.4	4K Random Write:	700K 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:	9.4W
Endurance:	3000 TBW	Active Write:	9.4W
MTBF:	1,700,000 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 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

<b>Product Dimensions</b>	22mm x 80mm x 13mm / 0.87" x 3.15" x 0.59"	
<b>Product Weight</b>	0.034kg / 0.075lbs	
<b>Shipping Dimensions</b>	135mm x 110mm x 24mm / 5.31" x 4.33" x 0.94"	
<b>Shipping Weight</b>	0.072kg / 0.159lbs	
<b>Inner Pack Quantity</b>	10	
<b>Inner Pack Dimensions</b>	274mm x 120mm x 140mm / 10.79" x 4.72" x 5.51"	
<b>Inner Pack Shipping Weight</b>	1.1kg / 2.43lbs	
<b>Master Pack Quantity</b>	80	
<b>Master Pack Dimensions</b>	575mm x 263mm x 309mm / 22.64" x 10.35" x 12.17"	
<b>Master Pack Shipping Weight</b>	9.1kg / 20.06lbs	
<b>Warranty</b>	5 Years	
<b>Harmonized Tariff Code</b>	8523.51.0000	
<b>Country of Origin</b>	TAIWAN	
<b>Part Number/ UPC</b>	<b>Part Number</b>	<b>UPC Code</b>
	CSSD-F4000GBMP600PRO	840006637363



