

<b>Embargo Date</b>	28-Jan-2021
<b>First Customer Ship Date</b>	22-Jan-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>	@rsair MP600 PRO 2TB 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 6,550MB/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 6,550MB/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 6,550MB/sec sequential write.

**Features and Benefits**

**Style 1**

<ul style="list-style-type: none"> <li>● A PCIe Gen4 x4 extreme data performance controller delivers up to 7,000MB/sec sequential read and 6,550MB/sec sequential write speeds*, for read, write, and response times that leave standard M.2 SSDs in the dust.</li> </ul>
<ul style="list-style-type: none"> <li>● Leveraging PCIe Gen 4 NVMe 1.4 technology for maximum bandwidth, the MP600 PRO delivers incredible storage performance.</li> </ul>
<ul style="list-style-type: none"> <li>● High-density 3D TLC NAND provides the ideal mix of performance, endurance, and value to keep your drive performing at its best for years.</li> </ul>
<ul style="list-style-type: none"> <li>● A built-in aluminum heatspreader helps disperse heat and reduce throttling, so your SSD maintains sustained high performance.</li> </ul>
<ul style="list-style-type: none"> <li>● 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.</li> </ul>
<ul style="list-style-type: none"> <li>● Compact M.2 2280 industry standard form factor fits directly into your motherboard.</li> </ul>

	<ul style="list-style-type: none"> <li>● CORSAIR SSD Toolbox software enables advanced drive controls from your desktop, such as secure erase and firmware updates.</li> </ul>
	<ul style="list-style-type: none"> <li>● Comprehensive five-year warranty for peace of mind.</li> </ul>
	* Performance and endurance vary by capacity.
<b>Style 2</b>	
	<ul style="list-style-type: none"> <li>● Extreme Gen4 Storage Performance: A PCIe Gen4 x4 controller delivers up to 7,000MB/sec sequential read and 6,550MB/sec sequential write speeds, for read, write, and response times that leave standard M.2 SSDs in the dust.</li> </ul>
	<ul style="list-style-type: none"> <li>● 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.</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>High-Density 3D TLC NAND:</b> Provides the ideal mix of performance, endurance, and value to keep your drive performing at its best for years.</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Built-in Aluminum Heatspreader:</b> Helps disperse heat and reduce throttling, so your SSD maintains sustained high performance.</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Outstanding Endurance:</b> 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.</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Compact M.2 2280 Form Factor:</b> Fits directly into your motherboard.</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>CORSAIR SSD Toolbox Software:</b> Enables advanced drive controls from your desktop including secure erase and firmware updates.</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Comprehensive Five-year Warranty:</b> Long-term reliability and industry-leading customer support for peace of mind.</li> </ul>
	* Performance and endurance vary by capacity.

### Technical Specification

Capacity:	2TB	Sequential Read(CDM):	7,000 MB/s
Interface Type:	PCIe Gen 4.0 x4	Sequential Write (CDM):	6,550 MB/s
Form Factor:	M.2 2280	4K Random Read:	660K IOPS
PCIe Protocol:	NVMe 1.4	4K Random Write:	800K 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:	7.3W
Endurance:	1,400	Active Write:	8.1W
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 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>	23mm x 80mm x 15mm / 0.91" 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-F2000GBMP600PRO	840006637349

