

<b>Embargo Date</b>	2021/1/12 12:00 AM
<b>Product Full Name / Title</b>	Corsair MP600 CORE 1TB M.2 NVMe PCIe Gen. 4 x4 SSD
<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 CORE 1TB NVMe PCIe M.2 SSD



### Overview

#### 100 Word Product Description

The CORSAIR MP600 CORE Gen4 PCIe x4 NVMe M.2 SSD uses Gen4 PCIe technology with blazing fast sequential read speeds of up to 4,950MB/sec and sequential write speeds of up to 3,800MB/sec. High-density 3D QLC NAND flash memory stores more data in the same amount of space than previous generation memory, with longevity up to 1,440TB Written. Contained in a compact M.2 2280 form factor with a built-in aluminum heatspreader and connecting over a high-speed NVMe PCIe Gen4 x4 M.2 interface, the MP600 CORE 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 CORE 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 4,950MB/sec and sequential write speeds of up to 3,800MB/sec. High-density 3D QLC NAND flash memory stores more data in the same amount of space than previous generation memory, with longevity up to 1,440TB Written.

### Overview

#### 25 Word Product Description

The CORSAIR MP600 CORE 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 4,950MB/sec.

### Features and Benefits

#### Style 1

<ul style="list-style-type: none"> <li>● A PCIe Gen4 x4 extreme data performance controller delivers up to 4,950MB/sec sequential read and 3,800MB/sec sequential write speeds*, for blazing fast read, write, and response times.</li> </ul>
<ul style="list-style-type: none"> <li>● Leveraging PCIe Gen 4 technology for maximum bandwidth, the MP600 CORE delivers incredible storage performance.</li> </ul>
<ul style="list-style-type: none"> <li>● High-density 3D QLC NAND stores more data in the same amount of physical space than previous generation memory cells, offering a superb value.</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 1,440TB Written*, the MP600 CORE'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><b>Extreme Gen4 Storage Performance:</b> A PCIe Gen4 x4 controller delivers up to 4,950MB/sec sequential read and 3,800MB/sec sequential write speeds, for blazing fast read, write, and response times.</li> </ul>
	<ul style="list-style-type: none"> <li><b>High-speed Gen4 PCIe x4 NVMe M.2 Interface:</b> Using PCIe Gen4 technology for maximum bandwidth, the MP600 CORE delivers incredible storage performance.</li> </ul>
	<ul style="list-style-type: none"> <li><b>High-Density 3D QLC NAND:</b> Stores more data in the same amount of physical space than previous generation memory cells, offering a superb value.</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 1,440TB Written, the MP600 CORE'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:	1TB	Sequential Read(CDM):	4,700 MB/s
Interface Type:	PCIe Gen 4.0 x4	Sequential Write (CDM):	1,950 MB/s
Form Factor:	M.2 2280	4K Random Read:	200K IOPS
PCIe Protocol:	NVMe 1.3	4K Random Write:	480K IOPS
Controller:	Phison PS5016-E16	Software:	Corsair SSD Toolbox
NAND Type:	3D QLC	PCB Form Factor:	M.2 2280
DRAM cache:	Yes		

### Power Consumption

Idle:	<5mW	Active Read:	5.6W
Endurance:	225 TBW	Active Write:	5.7W
MTBF:	1.8M Hours	Devslp:	PS4 <5mW
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 CORE 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, qlc nand, 3d qlc, amd b550, amd zen 3, amd ryzen 4000

Shipping Information		
<b>Product Dimensions</b>	80mm x 23mm x 15mm / 3.15" x 0.91" x 0.59"	
<b>Product Weight</b>	0.034kg / 0.075 lbs	
<b>Shipping Dimensions</b>	135mm x 110mm x 24mm / 5.31" x 4.33" x 0.94"	
<b>Shipping Weight</b>	0.072kg / 0.159 lbs	
<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 / 2.43 lbs	
<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 / 20.06 lbs	
<b>Warranty</b>	5 Years	
<b>Harmonized Tariff Code</b>	8523.51.0000	
<b>Country of Origin</b>	TAIWAN	
Part Number/ UPC	Part Number	UPC Code
	CSSD-F1000GBMP600COR	840006635246



