

<b>Embargo Date</b>	2019/7/1 12:00 AM
<b>Product Full Name / Title</b>	Corsair Force Series Gen.4 PCIe MP600 1TB NVMe M.2 SSD
<b>Product Imagery</b>	<a href="#">LINK</a>
<b>Compatibility List</b>	M.2 2280 Interface Connector Windows 10, Mac OS X
<b>Description</b>	Corsair Force Series MP600 1TB M.2 NVMe PCIe Gen. 4 x4 SSD



**Overview**  
**100 Word Product Description**

The CORSAIR Force MP600 Gen4 PCIe x4 NVMe M.2 SSD uses Gen4 PCIe technology with blazing fast sequential read speeds of up to 4,950MB/s and sequential write speeds of up to 4,250MB/s. High-density 3D TLC NAND flash memory provides an ideal mix of performance, endurance, and value, with longevity up to 1,800TB Written. Contained in an industry-standard M.2 2280 form factor and connecting using a high-speed NVMe PCIe Gen4 x4 M.2 interface, the MP600 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 Force MP600 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/s and sequential write speeds of up to 4,250MB/s. High-density 3D TLC NAND flash memory provides an ideal mix of performance, endurance, and value, with longevity up to 1,800TB Written.

**Overview**  
**25 Word Product Description**

The CORSAIR Force MP600 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/s.

**Features and Benefits**

Feature	Benefit
Extreme Gen4 Storage Performance	A PCIe Gen4 x4 controller delivers up to 4,950MB/s sequential read and 4,250MB/s sequential write speeds, for blazing fast read, write, and response times.
High-speed Gen4 PCIe x4 NVMe M.2 Interface	Using PCIe Gen4 technology for maximum bandwidth, the MP600 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.
Outstanding Endurance	Guaranteed for up to 1,800TB Written, the MP600's longevity ensures that it will reliably store your data through many years of use.
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.

**Technical Specification**

● Capacity:	1TB	● Max Sequential Read (CDM):	Up to 4,950 MB/s
● Interface Type:	Gen4 PCIe x4 NVMe	● Max Sequential Write (CDM):	Up to 4,250MB/s
● Form Factor:	M.2 2280	● Max Random Read QD32 (IOMeter):	Up to 680k IOPS
● Controller:	Phison PS5016-E16	● Max Random Write QD32 (IOMeter):	Up to 600K IOPS
● NAND Type:	3D TLC	● DRAM Cache:	Yes

\*Maximum speeds under Windows 10 using CrystalDiskMark 6.0.0

\*Performance may vary based on system hardware & configuration.

### SSD Features

● Trim Support:	Yes	● Bad Block Management	Yes
● S.M.A.R.T.	Yes	● Static and Dynamic Leveling:	Yes
● Garbage Collection:	Yes	● Encryption Support:	AES 256-bit Encryption

### Power Consumption

● Idle:	1.1W
● Endurance:	1,800TBW
● MTBF:	1,700,000 Hours
● Active Read:	6.6W
● Active Write:	6.6W
● DEVSLP:	PS4 < 1.65mW

### Environmental Specification

● Operating Temperature:	0°C to +70°C
● Storage Temperature:	-40°C to +85°C
● Operating Humidity:	90% RH (40° C)
● Storage Humidity:	93% RH (40° C)
● Shock:	1,500 G
● Vibration:	20Hz~80Hz/1.52mm, 80Hz~2000Hz/20G

### Box Contents

Force MP600 Series M.2 SSD with heatsink

### Search Terms

PCIe Gen4, NVMe SSD, M.2 SSD, 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

### Shipping Information

<b>Product Dimensions</b>	80mm x 23mm x 15 mm / 3.15" x 0.91" x 0.59"	
<b>Product Weight</b>	34.0g / 0.075 lb	
<b>Shipping Dimensions</b>	135mm x 110mm x 24mm / 5.31" x 4.33" x 0.94"	
<b>Shipping Weight</b>	72.0g / 0.16 lb	
<b>Inner Pack Quantity</b>	10 pcs	
<b>Inner Pack Dimensions</b>	237mm x 142mm x 162mm / 9.33" x 5.59" x 6.38"	
<b>Inner Pack Shipping Weight</b>	1100g / 2.43 lb	
<b>Master Pack Quantity</b>	80 pcs	
<b>Master Pack Dimensions</b>	305mm x 495mm x 360mm / 12.01" x 19.49" x 14.17"	
<b>Master Pack Shipping Weight</b>	9100.0g / 20.11 lb	
<b>Warranty</b>	5 Year	
<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-F1000GBMP600	840006614517

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