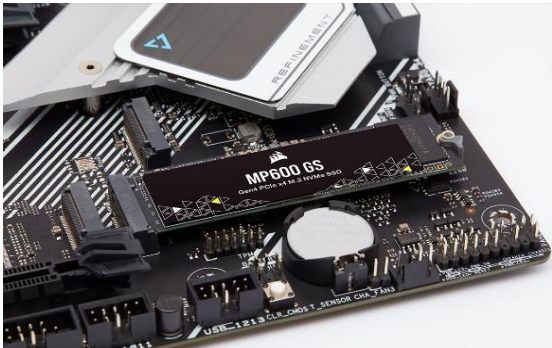


Embargo Date	1-Nov-22
Product Full Name / Title	CORSAIR MP600 GS PCIe Gen4 x4 NVMe M.2 SSD – High-Density TLC NAND – M.2 2280 – DirectStorage Compatible - Up to 4,800MB/sec – Great for PCIe 4.0 Notebooks
Part Number	CSSD-F0500GBMP600GS-B
UPC Number	840006643111
Product Imagery Link	https://corsair.mediavalet.com/galleries/67096996-cc58-482a-91ca-051266ad0e26_34edf513-55de-436b-b03d-ba09daeda403-ExternalUser
Product Video Link	https://corsair.mediavalet.com/galleries/b04b3d27-dbb7-4b93-abf9-f97e81bd9d0e_1e002535-b6bb-42ea-9326-efdde5064d58-ExternalUser
Compatibility List	M.2 2280 Interface Connector Windows 11, Windows 10, Mac OS X



Overview

100 Word Product Description

The CORSAIR MP600 GS Gen4 PCIe x4 NVMe M.2 SSD provides great storage performance ideal for PCIe Gen4-compatible laptops and notebooks, delivering sequential read speeds of up to 4,800MB/sec and sequential write speeds of up to 4,500MB/sec. High-density TLC NAND flash memory offers an ideal mix of performance and endurance. Contained in a compact M.2 2280 form factor and connecting over a high-speed NVMe 1.4 PCIe Gen4 x4 M.2 interface, the MP600 GS is easy to install into a compatible motherboard and is backed by a five-year warranty. If you’re looking for great storage performance, go with Gen4 for blazing fast speed.

Overview

50 Word Product Description

The CORSAIR MP600 GS Gen4 PCIe x4 NVMe M.2 SSD provides great storage performance ideal for PCIe Gen4-compatible laptops and notebooks, delivering sequential read speeds of up to 4,800MB/sec and sequential write speeds of up to 4,500MB/sec.

Overview

20 Word Product Description

The CORSAIR MP600 GS provides great storage performance ideal for PCIe Gen4-compatible laptops and notebooks, achieving exceptional sequential read and write speeds.

Features and Benefits

Style1
Up to 4,800MB/sec sequential read and 4,500MB/sec sequential write speeds
Load games, boot windows, open and transfer files, all faster than ever
Gen4 PCIe x4 NVMe 1.4 interface
High-density 3D TLC NAND memory
Compact M.2 2280 form-factor
Ideal for laptops and notebooks
Backward compatible with PCIe Gen3
CORSAIR SSD Toolbox software
Five-year warranty
Style2
A PCIe Gen4 x4 controller delivers up to 4,800MB/sec sequential read and 4,500MB/sec sequential write speeds*, for phenomenal read, write, and response times.
Load games, boot Windows, open and transfer files, all faster than ever.
Using PCIe Gen4 technology for maximum bandwidth, the MP600 GS delivers great storage performance.
Provides the ideal mix of performance and endurance to keep your drive performing at its best for years.
Fits directly onto most motherboards, making a great upgrade for laptops and notebooks with PCIe Gen4-capable CPUs.
Support for PCIe Gen3 systems.
Enables advanced drive controls from your desktop including secure erase and firmware updates.
Long-term reliability and industry-leading customer support for peace of mind.

Tech Specs

• Dimensions(L x W x H):	22mm x 80mm x 3mm / 0.87" x 3.15" x 0.12"	• Bad Block Management:	yes
•Product Type:	Internal SSD	• NAND Type:	3D TLC
• Interface Type:	PCIe Gen 4.0 x4	•DRAM cache:	no (utilizing HMB)
• Form Factor:	M.2 2280 key M, single sided	•Encryption support:	AES 256bit
• PCIe Protocol:	NVMe 1.4	•Sequential Read(CDM):	4800MB/s
• Controller:	Phison PS2021-E21T	•Sequential Write (CDM):	3500MB/s
• Capacity:	500GB	•4K Random Read:	450K
• MTBF:	1,500,000hrs	•4K Random Write:	700K
• SMART:	yes	•Endurance:	300TBW
• TRIM:	yes	•Software:	Corsair SSD Toolbox
• Garbage Collection:	yes		

Power Consumption

Power Average Active Read:	4.1W	Power Idle	< 5mW
Power Average Active Write	4.1W	DevSLP (L1.2)	PS4: <3mW

Environmental Spec

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 GS M.2 SSD

Serch Terms

m.2 ssd
pcie 4.0
nvme m.2 ssd
pcie gen 4
pcie 4.0 ssd
pcie gen

Shipping Information

Product Dimensions (L x W x H)	22mm x 80mm x 3mm / 0.87" x 3.15" x 0.12"	
Product Weight	0.0082kg / 0.0181lbs	
Shipping Dimensions (L x W x H)	385mm x 164mm x 62mm / 15.2" x 6.5" x 2.44"	
Shipping Weight	0.03kg / 0.07lbs	
Inner Pack Dimension (L x W x H)	385mm x 164mm x 62mm / 15.2" x 6.5" x 2.44"	
Inner Pack Quantity	48	
Inner Pack Weight	1.6kg / 39.7lbs	
Master Pack Quantity	576	
Master Pack Dimensions	395mm x 402mm x 410mm / 15.5" x 15.8" x 16.1"	
Master Pack Shipping Weight	18kg / 7.879lbs	
Harmonized Tariff Code	8523.51.0000	
Place of Origin	TAIWAN	
Warranty	5 years	
Part Number/ UPC	Part Number	UPC
	CSSD-F0500GBMP600GS-B	840006643111