



Embargo Date	Oct, 2018, 6:00AM PST (UTC -8:00)
Product Full Name / Title	CORSAIR Force Series MP510 960GB NVMe PCIe Gen3 x4 M.2 SSD
Part Number	CSSD-F960GBMP510
UPC Code	843591024358
Product Imagery	<a href="https://corsair.sharefile.com/d-s411013e2457400c8">https://corsair.sharefile.com/d-s411013e2457400c8</a>
Interface	PCIe NVMe 3.0 x4
Description	CORSAIR Force Series MP510 960GB NVMe PCIe Gen3 x4 M.2 SSD

**Overview**  
100 Word Product Description

The CORSAIR Force MP510 NVMe PCIe Gen3 x4 M.2 SSD provides extreme storage performance with up to 3,480MB/sec sequential read, and up to 3,000MB/s sequential write, for blazing fast read, write and response times. All that performance is contained in a compact M.2 2280 form factor and connects using a high-speed NVMe PCIe Gen3 x4 M.2 interface, making it easy to install into a compatible motherboard or laptop. Equipped with high-density 3D TLC NAND for long-term write endurance and backed by a five-year warranty, the MP510 is ready to power years of extreme storage performance. Whether you're playing games, editing images or creating video, it's time to upgrade to NVMe if you want to go faster.

**Overview**  
50 Word Product Description

The CORSAIR Force MP510 NVMe PCIe Gen3 x4 M.2 SSD provides extreme storage performance with up to 3,480MB/sec sequential read, and up to 3,000MB/s sequential write, for blazing fast read, write and response times. With the performance to accelerate everything you do with your PC, it's time to upgrade to NVMe if you want to go faster.

**Overview**  
25 Word Product Description

The CORSAIR Force MP510 NVMe PCIe Gen3 x4 M.2 SSD provides extreme storage performance with blazing fast read speeds of up to 3,480MB/sec.

**Features**

- Extreme Storage Performance:** All-new extreme data performance controller delivers up to 3,480MB/sec sequential read, and up to 3,000MB/s sequential write, for blazing fast read, write and response times.
- High-speed NVMe PCIe Gen3 x4 M.2 Interface:** For simple connection and maximum bandwidth.
- High-density 3D TLC NAND:** Provides the ideal mix of performance, endurance and value to keep your drive performing at its best for years.
- Compact M.2 2280 Form Factor:** Fits directly into your notebook or motherboard.
- Corsair SSD Toolbox Software:** Enables advanced drive controls from your desktop including secure erase and firmware updates.
- Comprehensive Five-year CORSAIR Warranty:** Long-term reliability and industry leading customer support for peace of mind.

**Technical Specs and Performance**

SKU:	CSSD-F960GBMP510	Nand Type:	3D TLC
Capacity:	960GB	PCB Form Factor:	Double Sided
Form Factor:	M.2 2280	DRAM Cache:	Yes
Interface:	PCIe Gen 3.0 x4	Sequential Read(CDM):	<a href="#">Up to 3,480MB/s</a>
PCIe Protocol:	NVMe 1.3	Sequential Write(CDM):	<a href="#">Up to 3,000MB/s</a>
Controller:	PS5012-E12	4KB Random Read(QD32):	<a href="#">Up to 610K IOPS</a>
Software:	Corsair SSD Toolbox	4KB Random Write(QD32):	<a href="#">Up to 570K IOPS</a>

\*Maximum speeds under Windows 10 using CrystalDiskMark 5.2.2  
\*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:	30mW	Average Active Read:	6.9W
Endurance:	1,700 TBW	Average Active Write:	5.6W
MTBF:	1,800,000 Hours	DEVSPL:	L1.2 < 2mW

\*Actual power consumption may vary base on system configuration.

### Environmental

Operating Temperature:	0 °C~65 °C	Storage Humidity:	93% RH (40 °C)
Storage Temperature:	-40 °C~85 °C	Shock:	1,500G
Operating Humidity:	90 % RH (40 °C)	Vibration:	20 Hz~80 Hz/1,52 mm, 80 Hz~2000 Hz/2

### SEO

NVMe SSD, NVMe PCIe Gen3 x4 ,M.2 SSD, Fastest M.2 SSD, High Performance M.2 SSD, PCIe SSD, PCI-E SSD, Fast SSD, Fast M.2 SSD, PCIe M.2 SSD, PCI-E M.2 SSD

### Box Contents

NVME PCIe M.2 SSD

### Shipping Information

Product Dimensions	80mm x 22mm x 3mm / 3.15" x 0.86" x 0.12"
Product Weight	0.0082kg / 0.18 lbs
Shipping Dimensions	127mm 75mm x 11.5mm / 5" x 2.95" x 0.45"
Shipping Weight	0.028kg / 0.06 lbs
Inner Pack Quantity	10 pcs
Inner Pack Dimensions	161mm x 141mm x 83mm / 6.34" x 5.55" x 3.27"
Inner Pack Shipping Weight	0.374kg / 0.825 lbs
Master Pack Quantity	80 pcs
Master Pack Dimensions	344mm x 301mm x 201mm / 13.5" x 11.85" x 7.91"
Master Pack Shipping Weight	3.574kg / 7.88 lbs
Warranty	Limited 5 Year Warranty
Harmonized Tariff Code	8523.51.0000
Country of Origin	TAIWAN

