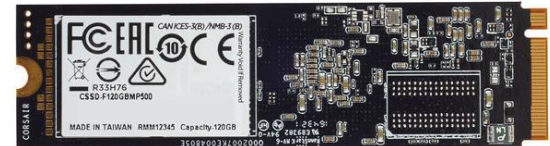**CORSAIR®**

SKU Live Date	Dec 13, 2016, 6:00AM PST (UTC -8:00)
Product Full Name/Title	Force MP500 Series M.2 SSD 240GB
Part Number/ UPC	CSSD-F240GBMP500 843591096720
Product Imagery	Product Imagery
Compatibility List	M.2 SSD
Description	Corsair Force Series MP500 240GB M.2 NVMe PCIe Gen. 3 x4 SSD

Overview

100-Word Product Description:

CORSAIR Force MP500 series M.2 SSDs deliver high performance, quick system boot ups, blazing fast transfer speeds and ultimate reliability in a compact form factor. The Force MP500 allows you to access all of your data, load files and launch games up to 4x faster than SATA3 6Gbps SSDs. Available in various capacities, and compatible with Microsoft Windows, Mac OS X and Linux, with no special driver or administrative rights required. Enhanced error correction, static and dynamic wear-leveling and advanced garbage collection come together to ensure maximum reliability and data retention. The CORSAIR SSD toolbox unlocks monitoring S.M.A.R.T attributes and SSD health status, with support for over-provisioning, secure wipe, disk cloning, firmware update and more. All backed by a 3-year CORSAIR warranty.

50-Word Product Description:

CORSAIR Force MP500 series M.2 SSDs deliver high performance, quick system boot ups, blazing fast transfer speeds and ultimate reliability in a compact form factor. The Force MP500 allows you to access all of your data, load files and launch games up to 4x faster than SATA3 6Gbps SSDs. Available in various capacities including 120GB, 240GB and 480GB models, and compatible with Microsoft Windows, Mac OS X and Linux, with no special driver or administrative rights required.

25-Word Product Description:

CORSAIR Force MP500 series M.2 SSDs deliver high performance, quick system boot ups, blazing fast transfer speeds and ultimate reliability in a compact form factor.

Features

Feature	Benefit
NVMe PCI Express SSD 3.0 x4 interface	The CORSAIR NVMe PCIE boosts bandwidth, allowing you to access all of your data, load files and launch games with speeds up to 4x faster than the SATA 3.0.
Compact M.2 2280 form factor	CORSAIR NVMe M.2 SSDs enable a new level of performance in a compact form-factor.
Various capacity options (120GB, 240GB, 480GB)	Wide range of storage capacity options.
Enhanced Error Correction	Additional error bit correction and improved data retention, while supporting the latest generation NAND.
Static and dynamic wear-leveling	Additional protection to enhance reliability and extend life of the drive.
Advanced garbage collection	Support for over-provisioning, secure wipe, disk cloning, firmware update and more.
Toughened contact surface material	30um goldfinger thickness improves contact to the motherboard, and provides vibration resistance to ensure reliability in vigorous conditions.
Compatible with CORSAIR SSD Toolbox	Monitor S.M.A.R.T attributes and SSD health status with support for over-provisioning, secure wipe, disk cloning, firmware update and more.
3-year warranty	Backed by CORSAIR extensive coverage.

Technical Specs

- Unformatted Capacity: 240GB
- Max Sequential Read (ATTO): Up to 3,000MB/s
- Max Sequential Write (ATTO): Up to 2,400MB/s
- Max Sequential Read (CDM): Up to 2,800MB/s
- Max Sequential Write (CDM): Up to 1,500MB/s
- Max Random Read QD32 (IOMeter): 250K IOPS
- Max Random Write QD32 (IOMeter): 210K IOPS
- Form Factor: M.2 2280
- Active Read: 4.89W
- Active Write: 4.81W
- Idle: 400mW
- DVSLP: 5mW

- Interface Type: M.2 NVMe PCIe Gen. 3 x4
- Endurance: 349TBW
- Operating Temperature: 0°C to +65°C
- Storage Temperature: -40°C to +85°C
- Operating Humidity: 90% RH (40° C)
- Storage Humidity: 93% RH (40° C)
- Shock: 1500G
- Vibration: 20Hz~80Hz/1.52mm, 80Hz~2000Hz/2

Package Contents

- M.2 2280 SSD

Search Terms

- M.2; Corsair Force MP500; PCIE NVMe M.2; Corsair M.2; M.2 SSD; Corsair SSD

Shipping

Part Number / UPC	CSSD-F240GBMP500/ 843591096720
Product Dimensions	80mm x 22mm x 3mm (3.15 x 0.86 x 0.12 inches)
Product Weight	0.0082kg (0.18lbs)
Shipping Dimensions	172mm x 75mm x 11.5mm (6.77 x 2.95 x 0.45 inches)
Shipping Weight	0.028kg (0.06lbs)
Inner Pack Quantity	10 pcs
Inner Pack Dimensions	161mm x 141mm x 86mm (6.34 x 5.55 x 3.39 inches)
Inner Pack Shipping Weight	0.367kg (0.81lbs)
Master Pack Quantity	80pcs (8 inner packs)
Master Pack Dimensions	344mm x 305mm x 204mm (13.5 x 12.01 x 8.03 inches)
Master Pack Shipping Weight	3.530kg (7.78lbs)
Warranty	3 years
Harmonized Tariff Code	8523.51.0000
Country of Origin	Please refer to the invoice for Country of Origin information on this part.

FRONT

BACK