SKU Live Date	March 27, 2015, 6:00AM PST (UTC -8:00)
Product Full Name/Title	Force LS Series SSD 480GB
Part Number/ UPC	CSSD-F480GBLSB 843591058483
Product Imagery	Product Imagery
Compatibility List	SATA 6Gbps (SATA 3) and SATA 3Gbps (SATA 2)
Description	Corsair Force LS CSSD-F480GBLSB 2.5" 480GB SATA III MLC 7mm Internal Solid State Drive

Overview

Force Series LS provides a reliable solid-state storage for any PC or notebook with a standard 2.5" drive bay. It boasts great performance and outstanding value. It's backward compatible with SATA 2 and SATA 1 for maximum compatibility. The thin 7mm height, low heat generation, reliable solid-state design drive make it ideal for all applications, from desktop PCs to the ultra-thin notebooks.

Features

Feature	Benefit
Cool and quiet, with low power consumption	Traditional mechanical hard drives spin at thousands of revolutions per minute. This takes power, and generates noise and heat. Since SSDs have no moving parts, there's no noise or vibration, and the lower power consumption helps keep things cool inside your PC.
Sleek and lightweight 7mm drive	Sleek and lightweight 7mm drive that works with laptop or desktop.
Quad-Core SSD Controller	More processing cores dedicated to handling NAND flash management, which means lower latency and high sustained performance, even when SSD is almost full.
End-to-End Data Path Protection	Data is safeguarded along all data paths inside the SSD, not only at NAND level. It allows for detection of any internal soft errors between SRAMs, controller and DRAM as well as controller and NAND. This is critical for enterprise-class SSDs and reliable performance under varying storage workloads.
Power loss protection	Safeguard your data against potential corruption when power is suddenly lost, thanks to advanced SmartFlush™ and GuaranteedFlush™ technologies.
Static and dynamic wear-leveling	Enhance reliability and extend life of solid-state drive.
Enhanced Error Correction	Additional error bit correction and improved data retention while supporting the latest generation NAND, thanks to SmartECC™ and SmartRefresh™ technologies.
Advanced garbage collection	Extend performance and NAND endurance
Compatible with Corsair SSD Toolbox	Monitor S.M.A.R.T attributes and SSD health status. Support for Over-provisioning, Secure Wipe, Disk Cloning, FW update and more.
3 years warranty	Peace of mind. A statement of Corsair product quality and reliability.

Technical Specs

- Unformatted Capacity: 480GB
- Max Sequential Read (ATTO): Up to 560MB/s
- Max Sequential Write (ATTO): Up to 540MB/s
- Max Sequential Read (CDM): Up to 500MB/s
- Max Sequential Write (CDM): Up to 490MB/s
- Max Random Read QD32 (IOMeter): 84K IOPS
- Max Random Write QD32 (IOMeter): 88K IOPS
- Form Factor: 7mm height, 2.5"
- Interface Type: SATA 6Gbps (SATA 3)

- MTBF: 1.5 million hours
- 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: 500G
- Vibration: 20Hz~80Hz/1.52mm, 80Hz~2000Hz/20G

Package Contents

- 2.5" SSD

Shipping

Part Number / UPC	CSSD-N480GBLSB / 843591058483
Product Dimensions	100mm x 69.85mm x 7mm (3.93 x 2.75 x 0.27 inches)
Product Weight	0.05kg (0.11lbs)
Shipping Dimensions	135mm x110mm x 16mm (4.4 x 5.4 x 0.6 inches)
Shipping Weight	0.09kg (0.21lbs)
Inner Pack Quantity	5pcs
Inner Pack Dimensions	166mm x 123mm x 96mm (6.7 x 4.7 x 3.5 inches)
Inner Pack Shipping Weight	0.58kg (1.27lbs)
Master Pack Quantity	60pcs (12 inner packs)
Master Pack Dimensions	514mm x 188mm x 321mm (20.24 x 7.4 x 12.64 inches)
Master Pack Shipping Weight	7.50kg (16.53lbs)
Warranty	5 years
Harmonized Tariff Code	8523.51.0000
Country of Origin	Please refer to the invoice for Country of Origin information on this part.