

Intel SSDSC2BA200G3 internal solid state drive 2.5" 200 GB Serial ATA III MLC



Brand : Intel

Product code: SSDSC2BA200G3

Product name : SSDSC2BA200G3

SSD DC S3700 Series (200GB, 2.5in SATA 6Gb/s, 25nm, MLC)

Intel SSDSC2BA200G3. SSD capacity: 200 GB, SSD form factor: 2.5", Read speed: 500 MB/s, Write speed: 365 MB/s, Data transfer rate: 6 Gbit/s

Features

| | |
|--|------------------------------------|
| Security algorithms | 256-bit AES |
| SSD form factor * | 2.5" |
| SSD capacity * | 200 GB |
| Interface * | Serial ATA III |
| Memory type * | MLC |
| Hardware encryption * | ✓ |
| Data transfer rate | 6 Gbit/s |
| Read speed | 500 MB/s |
| Write speed | 365 MB/s |
| Random read (100% span) | 75000 IOPS |
| Random write (100% span) | 32000 IOPS |
| Read latency | 50 µs |
| Write latency | 65 µs |
| Lithography | 25 nm |
| End-to-End Data Protection | ✓ |
| Enhanced Power Loss Data Protection technology | ✓ |
| SSD temperature monitoring | ✓ |
| Temperature monitoring and logging | ✓ |
| Uncorrectable Bit Error Rate (UBER) | < 1 per 10 ¹⁷ bits read |
| Mean time between failures (MTBF) | 2000000 h |
| Market segment | Server |
| SSD ARK ID | 71914 |
| Export Control Classification Number (ECCN) | 5A992C |
| Commodity Classification Automated Tracking System (CCATS) | G147123 |

Power

| | |
|--------------------------|--------|
| Power consumption (read) | 4.4 W |
| Power consumption (idle) | 0.65 W |

Brand-specific features

| | |
|---------------------------------------|---|
| Intel High Endurance Technology (HET) | ✓ |
| Intel® Rapid Start Technology | ✗ |

Operational conditions

| | |
|---------------------------------|------------------|
| Operating temperature (T-T) | 0 - 70 °C |
| Maximum operating temperature | 70 °C |
| Operating vibration | 2.17 G |
| Non-operating vibration | 3.13 G |
| Operating shock | 1000 G |
| Non-operating shock | 1000 G |
| Operating / non-operating shock | 1,000 G/0.5 msec |

Weight & dimensions

| | |
|--------|--------|
| Weight | 73.6 g |
|--------|--------|

Logistics data

| | |
|-----------------------------|----------|
| Harmonized System (HS) code | 84717070 |
|-----------------------------|----------|

Other features

| | |
|--------------------------------------|---|
| Product colour | Silver |
| Processor lithography | 25 nm |
| Endurance rating | 10 PB |
| Power consumption (active) | 4.4 W |
| Born on date | Q4'12 |
| Drive capacity | 200 GB |
| Launch date | Q4'12 |
| Product brief URL | http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3700-brief.html |
| Product name | Intel SSD DC S3700 Series (200GB, 2.5in SATA 6Gb/s, 25nm, MLC) |
| SSD components | Intel NAND Flash Memory Multi-Level Cell (MLC) Technology |
| SSD endurance rating | 10 drive writes per day for 5 years |
| SSD hardware encryption | AES 256 bit |
| SSD power consumption (active) | 4.4 W |
| SSD power consumption (idle) | 650 mW |
| SSD shock | 1,000 G/0.5 msec |
| SSD weight | 73.6 g |
| Sequential reading | 500 MB/s |
| Sequential writing speed | 365 MB/s |
| Status | Discontinued |
| Last change | 63903513 |
| Intel Rapid Start Technology version | 0.00 |
| Product family | Data center SSD |
| Product series | Intel DC S3700 |
| Product codename | Taylorsville |



5032037074551



0735858256278



735858256278



0073585825627



073585825627

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.