

## Samsung 845DC Pro 2.5" 400 GB Serial ATA III MLC

Brand : Samsung

Product code: MZ-7WD400

Product name : 845DC Pro

400GB, 2.5", SATA 6Gb/s, 530/460 MB/s, 512MB, 92k/50k IOPS, 65g, Black  
 Samsung 845DC Pro. SSD capacity: 400 GB, SSD form factor: 2.5", Read speed: 530 MB/s, Write speed: 460 MB/s, Data transfer rate: 6 Gbit/s



| Features                          |                | Features                          |   |
|-----------------------------------|----------------|-----------------------------------|---|
| SSD form factor *                 | 2.5"           | Certification                     | CE, BSMI, KCC, VCCI, C-tick, FCC, IC, UL, TUV, CB |
| SSD capacity *                    | 400 GB         | <b>Power</b>                      |   |
| Interface *                       | Serial ATA III | Power consumption (read)          | 1.7 W   |
| Memory type *                     | MLC            | Power consumption (write)         | 3.1 W   |
| Data transfer rate                | 6 Gbit/s       | Power consumption (idle)          | 1 W   |
| Read speed                        | 530 MB/s       | <b>Operational conditions</b>     |   |
| Write speed                       | 460 MB/s       | Operating temperature (T-T)       | 0 - 70 °C   |
| Random read (4KB)                 | 92000 IOPS     | Storage temperature (T-T)         | -40 - 85 °C                                       |
| Random write (4KB)                | 50000 IOPS     | Operating relative humidity (H-H) | 5 - 95%   |
| Read latency                      | 110 µs         | <b>Technical details</b>          |   |
| Write latency                     | 50 µs          | Sustainability certificates       | RoHS  |
| Storage drive buffer size         | 512 MB         | <b>Weight &amp; dimensions</b>    |   |
| Controller type                   | Samsung MDX    | Width                             | 69.8 mm   |
| RAID support                      | ✓              | Depth                             | 100.2 mm  |
| ECC                               | ✓              | Height                            | 6.8 mm  |
| End-to-End Data Protection        | ✓              | Weight                            | 65 g  |
| Native Command Queuing (NCQ)      | ✓              | <b>Other features</b>             |   |
| Mean time between failures (MTBF) | 2000000 h      | Product colour                    | Black   |
|                                   |                | Internal                          | ✗   |

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.

Publication date: 03-JAN-2024. Prints or copies of Information are only valid on the printed Publication date