

Samsung 840 PRO 128 GB 2.5" Serial ATA III

Brand : Samsung

Product code:  
MZ-7PD128BW+EINBAU+SPIEGELUNG

Product name : 840 PRO

840 PRO, 128GB, 2.5", SATAIII, DDR 2.0 NAND  
Samsung 840 PRO. Solid-state drive capacity: 128 GB, SSD form factor: 2.5", Read speed: 530 MB/s, Write speed: 390 MB/s, Data transfer rate: 6 Gbit/s



| Features                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Weight & Dimensions               |                                                |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|
| Security algorithms                 | 256-bit AES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Width                             | 69.8 mm                                        |
| Solid-state drive capacity *        | 128 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Depth                             | 100.1 mm                                       |
| SSD form factor *                   | 2.5"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Height                            | 7.11 mm                                        |
| Interface *                         | Serial ATA III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Weight                            | 54.43108 g                                     |
| Data transfer rate                  | 6 Gbit/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Packaging Data                    |                                                |
| Read speed                          | 530 MB/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Bundled software                  | Samsung SSD Magician 4.x/Simple Data Migration |
| Write speed                         | 390 MB/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Operational Conditions            |                                                |
| Mean time between failures (MTBF)   | 1500000 h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Operating temperature range (T-T) | 0 - 60 °C                                      |
| Windows operating systems supported | Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows Vista Business, Windows Vista Business x64, Windows Vista Enterprise, Windows Vista Enterprise x64, Windows Vista Home Basic, Windows Vista Home Basic x64, Windows Vista Home Premium, Windows Vista Home Premium x64, Windows Vista Ultimate, Windows Vista Ultimate x64, Windows XP Home, Windows XP Home x64, Windows XP Professional, Windows XP Professional x64 | Operating vibration               | 20 G                                           |
|                                     | Mac OS X 10.0 Cheetah, Mac OS X 10.1 Puma, Mac OS X 10.10 Yosemite, Mac OS X 10.2 Jaguar, Mac OS X 10.3 Panther, Mac OS X 10.4 Tiger, Mac OS X 10.5 Leopard, Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Other features                    |                                                |
| Mac operating systems supported     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Product colour                    | Black                                          |
|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                          | ✓                                              |

**Energy Management**

Power consumption (idle) 0.054 W

## Catalog Object Cloud



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