

PS3108-S8 M.2 2260

(Reference Design)

Phison's PS3108 M.2 2260 delivers all the advantages of flash disk technology with the Serial ATA I/II/III interface and is fully compliant with the standard Next Generation Form Factor (NGFF) called M.2 Card Format. PS3108 M.2 2260 is designed to maximize the usage of card space to meet the size limitation of tablets, notebooks and other very thin devices. With a wide range of capacity, high read/write performance, and low power consumption, PS3108 M.2 2260 is an ideal embedded solution for new platforms.



Product Specification

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| Capacity | 128GB and 256GB |
| Form Factor | M.2 2260-D3-B-M |
| SATA Interface | SATA Revision 3.1 SATA 1.5Gbps, 3Gbps, and 6Gbps interface |
| Flash Interface | Flash Type: SLC, MLC 1pcs to 4pcs of LGA flash |
| Performance* | Read: up to 520 MB/s Write: up to 210 MB/s |
| Power Consumption* | Active mode: < 4595 mW Idle mode: < 470 mW |
| MTBF | More than 1,000,000 hours |
| Advanced Flash Management | Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware Update |
| Operating Voltage | 3.3V |
| Operating Temperature | 0°C ~ 70°C |
| Storage Temperature | -40°C ~ 85°C |

* Performance and Power Consumption may differ according to flash type, flash configuration, SDR configuration, and platform.