



Performance **M.2 SATA** Solid State Drive



PINNACLE GAMING M2 SATA III 6Gb/s SSD



Main Feature

- 3D NAND Flash Technology
- Advanced SLC Cache Technology
- Supports S.M.A.R.T. and TRIM
- Supports Garbage Collection
- Supports Wear-Leveling Technology
- Supports ECC (Error Correction Code)
- Supports RAID and New Generation
- Power Saving technology



Part Number

Capacity	Part Number
128GB	35PN2280SATA-128GB
256GB	35PN2280SATA-256GB
512GB	35PN2280SATA-512GB
1TB	35PN2280SATA-1TB

This Timetec SSD is designed to use the SATA III interface efficiently during both READs and WRITEs while delivering bandwidth-focused performance. 3D NAND Flash SSD technology enables enhanced boot times, faster application load times, reduced power consumption, and extended reliability.

Specifications

Interface	SATA III 6Gb/s M.2 2280
Capacity	128GB / 256GB / 512GB / 1TB ^[1]
Voltage	DC +3.3V
Dimensions	80(L) x 22(W) x 3.5(H) mm
Weight	10g
Cache Type	NO
Performance(R/W)	128G: 550 / 500 MB/s 256G: 550 / 500 MB/s 512G: 550 / 500 MB/s 1TB: 550 / 500 MB/s ^[2]
Storage Temperature	-40 °C to 80 °C ^[3]
Operating System	System Requirements: • Windows 11 / 10 / 8 / 7 / Vista or later • Linux 2.6.33 or later
MTBF	1,500,000 hours
Warranty	3-Year Warranty

[1] 1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes
1024/1024/1024 = 0.93GB

[2] The transfer speed will vary depending on the conditions of the test hardware and software.

[3] When operating at room temperature 25 degrees, the surface temperature of the product can be maintained at around 45 degrees. Test results may vary depending on the test conditions.

Note: We reserve the right to modify product specifications without prior notice.



Timetec International Inc.

support@timetecinc.com
www.timetecinc.com