

Datasheet

M.2 (S80) 3TS5-P series

- SATA III solution for server field
- High endurance
- High IOPS with 3D NAND solution
- iData Guard for abnormal power failure
- SMART disk health monitoring



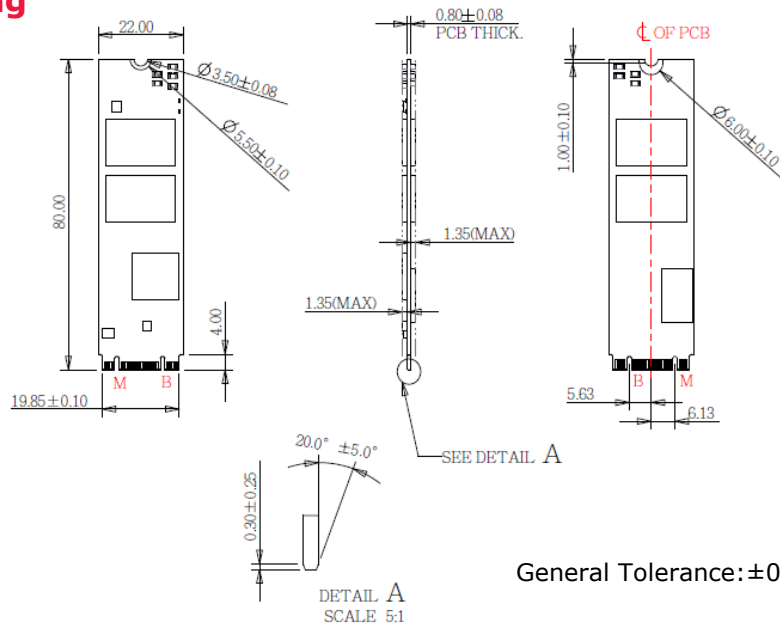
Introduction

Innodisk M.2 (S80) 3TS5-P is designed for server field. It effectively reduces the booting time of operation system and has less power consumption compared to hard disk drive (HDD). The great benefit of M.2 (S80) 3TS5-P is to be configured as a SATA boot device with no requirement on additional driver and without using a drive bay, making it perfect for server applications.

Innodisk M.2 (S80) 3TS5-P is designed as the standard M.2 form factor with SATA interface, and supports SATA III standard (6.0Gb/s) with excellent performance. It is equipped RAID engine to offer additional level of data protection for exceptional reliability.

M.2 (S80) 3TS5-P series

Drawing



Contact us for more information
about the M2 (S80) 3TS5-P.

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.

Headquarters (Taiwan)

5F., No.237, Sec. 1, Datong Rd.,
Xizhi Dist., New Taipei City 221,
Taiwan (R.O.C.)

Tel: +886-2-7703-3000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-40-3045-400
Japan
jpsales@innodisk.com
+81-3-6667-0161
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

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Specifications

Interface	SATA III	
Flash Type	3D TLC	
P/E cycle	10,000	
Capacity	256GB~512GB	
Max. Channels	4	
Sequential R/W (MB/sec, max.)	560 / 500	
Max. Power Consumption	2W (3.3V x 620mA)	
Thermal Sensor	✓	
External DRAM buffer	✓	
ATA Security	✓	
S.M.A.R.T.	✓	
Dimension (WxLxH)	22.0 X 80.0 X 3.5 mm	
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours	

Ordering Information

Operation Temp.	256GB	512GB
Standard Grade (0°C ~ +70°C)	DSM28- B56D21ECAQH	DSM28- C12D21ECAQH