

Datasheet

2.5" SATA SSD

3TG6-P series

- 2.5" SATA III solution for industrial field
- High IOPS
- iSMART disk health monitoring
- AES-256 encryption
- End to end data path protection
- iData Guard for abnormal power failure
- iCell technology for data protection (optional)
- iPower Guard for protecting unstable start up and shut down



Introduction

Innodisk 2.5" SATA SSD 3TG6-P is SATA III 6Gb/s solid state disk, which delivers excellent performance, especially in random data transfer rate, and which offers reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 3TG6-P 2.5" SSD not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

2.5" SATA SSD

3TG6-P series

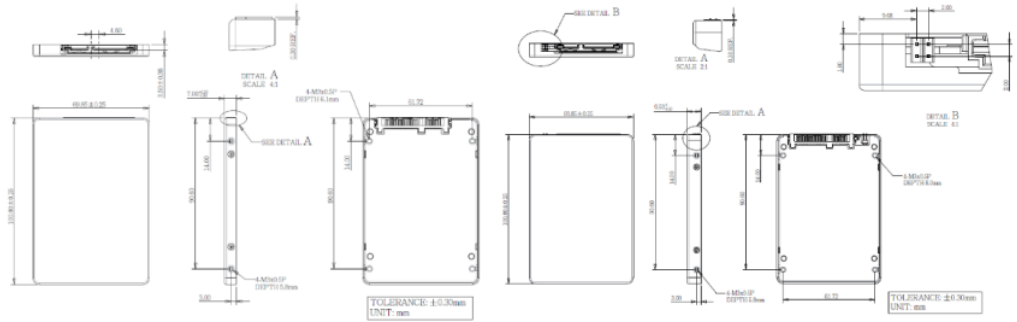
Drawing

Contact us for more information about the 2.5" SATA SSD 3TG6-P

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

* DGS25-XXXM71EXXQF (128GB-2TB)

* DGS25-04TM71EXAQF (4TB)



Specifications

| | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Interface | SATA III |
| Flash Type | 3D TLC |
| Capacity | 128GB~4TB |
| Max. Channels | 4 |
| Sequential R/W (MB/sec, max.)* | 530 / 525 MB/s |
| 4KB Random (QD32) R/W (IOPS)* | 87000 / 70000 |
| Max. Power Consumption | 7.7W |
| Thermal Sensor | ✓ |
| External DRAM Buffer | ✓ |
| AES encryption | ✓ |
| ATA Security | ✓ |
| S.M.A.R.T. | ✓ |
| Dimension (WxLxH) | 69.8 X 100.0 X 6.8 mm ³ (128GB ~ 2TB) 69.8 X 100.0 X 9.2 mm ³ (4TB) |
| Environment | Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours |
| * Sequential performance based on CystalDiskMark 5.1.2 with file size 100MB | |

Headquarters (Taiwan)

5F., No.237, Sec. 1, Datong Rd.,
Xizhi Dist., New Taipei City,
Taiwan (R.O.C.)
Tel: +886-2-77033000
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

© 2017 Innodisk Corporation.
All right reserved. Specifications
are subject to change without
prior notice.

Ordering Information (Please refer to TPS for detail)

20180703

| Operation Temp. | 128GB | 256GB | 512GB | 1TB | 2TB | 4TB |
|-------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|----------------------|----------------------|-------------------|
| Standard Grade (0°C ~ +70°C) | DGS25-A28M71EC3QF DGS25-A28M71EC1QFP | DGS25-B56M71EC3QF DGS25-B56M71EC1QFP | DGS25-C12M71EC3QF DGS25-C12M71EC1QFP | DGS25-01TM71EC1QF(P) | DGS25-02TM71ECAQF(P) | DGS25-04TM71ECAQF |
| Industrial Grade (-40°C ~ +85°C) | DGS25-A28M71EW3QF DGS25-A28M71EW1QFP | DGS25-B56M71EW3QF DGS25-B56M71EW1QFP | DGS25-C12M71EW3QF DGS25-C12M71EW1QFP | DGS25-01TM71EW1QF(P) | DGS25-02TM71EWAQF(P) | DGS25-04TM71EWAQF |