

Datasheet

# 1.8" 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)
- DEVSLP supported



### Introduction

Innodisk 1.8" 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 1.8" SSD not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

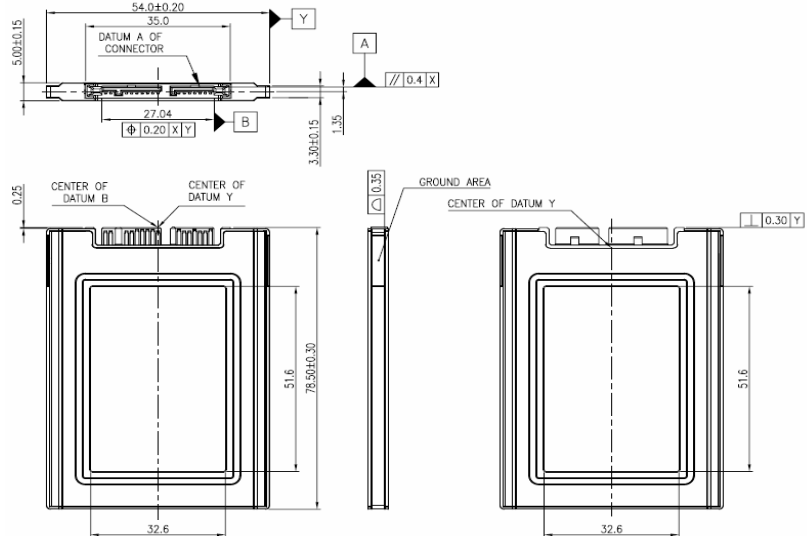
# 1.8" SATA SSD

## 3TG6-P series

### Drawing

Contact us for more information about the 1.8" 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.



#### 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](mailto:usasales@innodisk.com)  
+1-510-770-9421  
Europe  
[eusales@innodisk.com](mailto:eusales@innodisk.com)  
+31-40-3045-400  
Japan  
[jpsales@innodisk.com](mailto:jpsales@innodisk.com)  
+81-3-6667-0161  
China  
[sales\\_cn@innodisk.com](mailto:sales_cn@innodisk.com)  
+86-755-21673689  
[www.innodisk.com](http://www.innodisk.com)

© 2018 Innodisk Corporation.  
All right reserved. Specifications  
are subject to change without  
prior notice.

20181026

## Specifications

Interface	SATA III
Flash Type	3D TLC
Capacity	128GB~1TB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	530 / 460
4K Random (QD32) R/W (IOPS)*	TBD
Max. Power Consumption	TBD
Thermal Sensor	✓
External DRAM Buffer	✓
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	54.0 X 78.5 X 5.00 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours
*Performance based on CrystalDiskMark 3.03 with file size 1000MB	

## Ordering Information

Operation Temp.	128GB	256GB	512GB	1TB
Standard Grade (0°C ~ +70°C)	DGS18-A28M71EC1QF	DGS18-B56M71EC1QF	DGS18-C12M71EC1QF	DGS18-01TM71EC1QF
Industrial Grade (-40°C ~ +85°C)	DGS18-A28M71EW1QF	DGS18-B56M71EW1QF	DGS18-C12M71EW1QF	DGS18-01TM71EW1QF