

Datasheet

1.8" SATA SSD

3TG6-P series

- 1.8" 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 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.

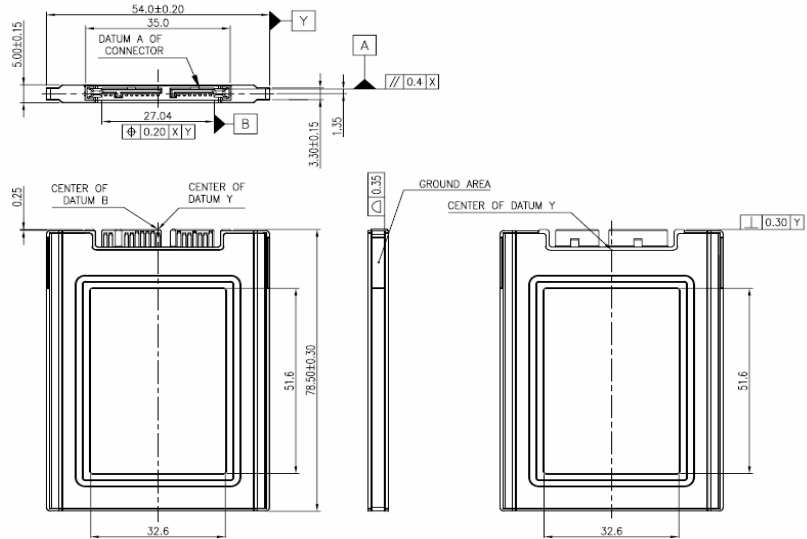
1.8" SATA SSD

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.



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Specifications

Interface	SATA III
Flash Type	3D TLC
Capacity	128GB~1TB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	560 / 520
4K Random (QD32) R/W (IOPS)*	85000/ 70000
Max. Power Consumption	5.65W
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: -40°C ~ +85°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(P)	DGS18-B56M71EC1QF(P)	DGS18-C12M71EC1QF(P)	DGS18-O1TM71EC1QF(P)
	DGS18-A28M71EC2QF(P)	DGS18-B56M71EC2QF(P)	DGS18-C12M71EC2QF(P)	DGS18-O1TM71EC2QF(P)
Industrial Grade (-40°C ~ +85°C)	DGS18-A28M71EW1QF(P)	DGS18-B56M71EW1QF(P)	DGS18-C12M71EW1QF(P)	DGS18-O1TM71EW1QF(P)
	DGS18-A28M71EW2QF(P)	DGS18-B56M71EW2QF(P)	DGS18-C12M71EW2QF(P)	DGS18-O1TM71EW2QF(P)