

Datasheet

# 2.5" PATA SSD

## 1MG3-P series

- 2.5" PATA solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management



## Introduction

Innodisk 2.5" PATA SSD 1MG3-P complies with ATA 7 standard, and supports Ultra DMA (0-5) and PIO (0-4) transfer modes, which delivers good performance and reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 2.5" PATA SSD 1MG3-P not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

**innodisk**

[www.innodisk.com](http://www.innodisk.com)

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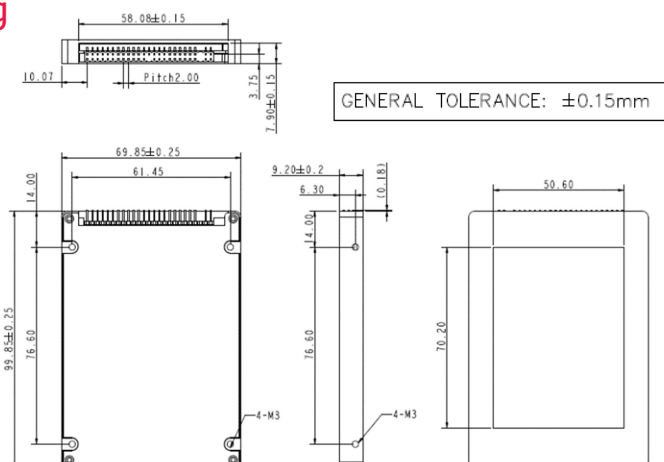
# 2.5" PATA SSD

## 1MG3-P series

### Drawing

Contact us for more information  
about the 2.5" PATA SSD 1MG3-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.



## Specifications

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|                               |                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Interface                     | PATA                                                                                                            |
| Flash Type                    | MLC                                                                                                             |
| Flash P/E Cycle Limit         | 3,000                                                                                                           |
| Capacity                      | 8GB~512GB                                                                                                       |
| Max. Channels                 | 4                                                                                                               |
| Sequential R/W (MB/sec, max.) | 90 / 100                                                                                                        |
| Max. Power Consumption        | 3W (5V x 600 mA )                                                                                               |
| Thermal Sensor                | WT Only                                                                                                         |
| External DRAM Buffer          | √                                                                                                               |
| H/W Write Protect             | -                                                                                                               |
| Pin7 Power                    | -                                                                                                               |
| ATA Security                  | √                                                                                                               |
| S.M.A.R.T.                    | √                                                                                                               |
| Dimension (WxLxH)             | 69.85 X 99.85 X 9.20 mm                                                                                         |
| Environment                   | Vibration: 20G @7~2000Hz<br>Shock: 1500G @ 0.5ms<br>Storage Temperature: -55°C ~ +95°C<br>MTBF: 3 million hours |

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## Ordering Information

| Operation Temp.                     | 8GB               | 16GB              | 32GB              | 64GB              | 128GB             | 256GB             | 512GB             |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Standard Grade<br>(0°C ~ +70°C)     | DGP25-08GD70BC1SC | DGP25-16GD70BC1SC | DGP25-32GD70BC1DC | DGP25-64GD70BC1QC | DGP25-A28D70BC1QC | DGP25-B56D70BC1QC | DGP25-C12D70BC1QC |
| Industrial Grade<br>(-40°C ~ +85°C) | DGP25-08GD70BW1SC | DGP25-16GD70BW1SC | DGP25-32GD70BW1DC | DGP25-64GD70BW1QC | DGP25-A28D70BW1QC | DGP25-B56D70BW1QC | DGP25-C12D70BW1QC |

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