

UNLIMITED INGENUITY



# LONGEVITY SD & microSD



## KEY FEATURES:

- Long-term availability (at least 10 years)
- High endurance
- Fixed BOM
- Global wear leveling
- S.M.A.R.T support
- Password protection (optional)

IM's small but eminently capable cards are a perfect match for industrial applications with intensive workloads. These low-density legacy cards which will be available for at least 10 years are the durable and long-term solutions to your specific endurance run.

### Longevity SD and microSD

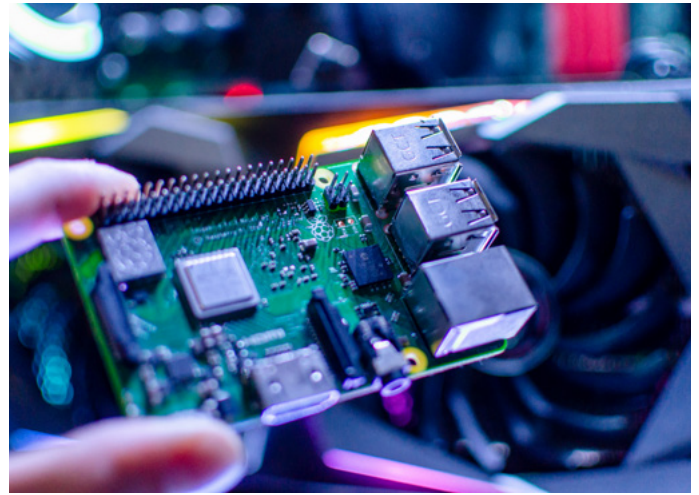
Capacity Range	512MB - 2GB
Temperature Range	Industrial: -40°C to +85°C
Endurance (Total Bytes Written)	Up to 104
Sequential Performance (in MB/s)	Read: Up to 23 Write: Up to 21
Data Retention (in years)	Minimum: 1 Maximum: 10



For more information or to request samples, please visit us at [www.intelligentmemory.com](http://www.intelligentmemory.com)

You may also contact our sales team directly at [sales@intelligentmemory.com](mailto:sales@intelligentmemory.com)

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## APPLICATIONS

SD and microSD cards are used in various electronic devices, including:

- **Embedded Systems:** SD and microSD cards are employed in embedded systems to store critical data, firmware, and configurations, offering a compact and portable storage solution.
- **Data Logging in Industrial Automation:** They are used in industrial automation for logging data from sensors and devices, facilitating analysis and troubleshooting.
- **Firmware Updates for IoT Devices:** SD and microSD cards enable firmware updates in IoT devices, allowing for seamless upgrades and improvements without the need for complex procedures.
- **Machine Vision Systems:** SD and microSD cards store images and data in machine vision systems, aiding in quality control and inspection processes within manufacturing.
- **Medical Devices and Equipment:** In medical equipment, microSD and SD cards store patient data, software updates, and diagnostic information, ensuring efficient and secure data management.

In these applications, the durability, long-term availability and small capacities of our low-density legacy cards make it a suitable choice for handling with small data chunks in unchanging environments.

**If you have a long-lasting project with unchanging requirements and you don't want to just go with the flow of new technologies, needing to update to higher capacities unnecessarily, IM's low-density SD and microSD cards are a perfect fit for your industrial application. In comparison to mainstream cards, with frequent changes in the bill of materials (BOM), our legacy cards will remain unchanged for at least a decade.**

**Qualify once, and only once.**



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