

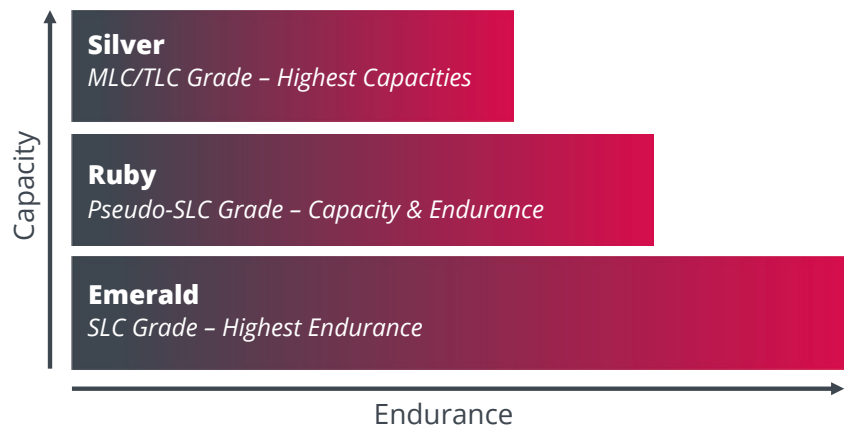
NAND FLASH PRODUCT OVERVIEW



IM has been offering a wide range of specialty, industrial-grade NAND flash products, featuring various form factors, flash types, interfaces, and capacities since 2014.

From legacy solutions to newer PCIe technologies, we provide a comprehensive lineup of industrial-grade managed NAND products. These include options in removable media, embedded formats, and BGA packaging, ensuring flexibility and reliability for demanding applications across different industries.

IM's NAND line-up includes 3 family categories (classified by their endurance):



For more information or to request samples, please visit us at www.intelligentmemory.com

You may also contact our sales team directly at sales@intelligentmemory.com

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NAND FLASH PRODUCT OVERVIEW

Key Features

- Legacy products such as CompactFlash cards as well as latest PCIe technology
- Available as removable media, embedded form factors and BGA components
- Equipped with high quality hardware and industrial grade firmware
- Developed and tested for demanding operating environments
- Offered in various temperature grades and customized for specific applications to optimize performance, lifetime, and reliability
- All products come with a full range of tools and technical support

| | eMMC | SD | SATA | PCIe | PATA | USB |
|--------------------|--|---|--|--|--|--|
| Form Factors | 100-ball 14x18mm 153-ball 11.5x13mm | SD microSD | M.2 (2242, 2280) 2.5" mSATA mSATA mini CFast BGA | M.2 (2230, 2242, 2280) U.2 CFX BGA (1113, 1620) E1.S | CompactFlash | USB-Stick |
| Product Families | Silver Ruby Emerald | Silver Ruby Emerald | Silver Ruby Emerald | Silver Ruby Emerald | Emerald | Emerald |
| Temperature Ranges | Extended Commercial: -25°C to +85°C Industrial: -40°C to +85°C Auto. Grade 3: -40°C to +85°C Auto. Grade 2: -40°C to +105°C | Extended Commercial: -25°C to +85°C Industrial: -40°C to +85°C | Commercial: 0°C to +70°C Industrial: -40°C to +85°C | Commercial: 0°C to +70°C Industrial: -40°C to +85°C | Commercial: 0°C to +70°C Industrial: -40°C to +85°C | Commercial: 0°C to +70°C Industrial: -40°C to +85°C |



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