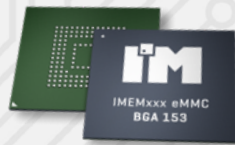


UNLIMITED INGENUITY



# NAND FLASH PRODUCT OVERVIEW



## 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 different grades and customized for specific applications to optimize performance, lifetime and reliability
  - IM's NAND line-up includes 3 family categories (classified by their endurance):
    - Emerald - The "SLC grade"
    - Ruby - The "pseudoSLC grade"
    - Silver - The "MLC/TLC grade"
- All product grades come with a full range of tools and technical support etc.

	eMMC	SD	SATA	PCIe	PATA	USB
<b>Form Factors</b>	100-ball 14x18mm 153-ball 11.5x13mm	SD microSD	M.2 (2242, 2280) 2.5" mSATA mSATA mini CFast BGA	M.2 (2242, 2280) U.2 CFX BGA (1113, 1620)	CompactFlash	USB-Stick
<b>Product Families</b>	Silver Ruby Emerald	Silver Ruby Emerald	Silver Ruby Emerald	Silver Ruby Emerald	Emerald	Emerald
<b>Temperature Ranges</b>	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



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)

June 2023  
2023 © Intelligent Memory Limited, All rights reserved