NAND FLASH PRODUCT OVERVIEW

mSATA SATA
960GB -40°C~85°C
IMS3MSB7M2A2A1I3B6A0000
Lot No: 22060960338   DC: 2225

128GB
-25°C~85°C

2.5" SATA Solid State Disk
512GB -40°C~85°C
IMS325B5M3A4A0I3B4A0000
Lot No: 22060450234
DC: 2223

IMEMxxx eMMC BGA 153

U.2 PCIe Solid State Disk
1TB -40°C~85°C
IMP3U2B7E3A4A0I3B6A0000
Lot No: 22060550235
DC: 2223

M.2 2280 SATA
512GB 0°C~70°C
IMS3M8B5M2A2A1C3B4A0000
Lot No: 22060150231   DC: 2223

Compact Flash PATA
8GB -40°C~85°C
IMPACFA4F1B1A3I1A4A0000
Lot No: 22060750237
DC: 2223

128GB A2 microSDXC V30
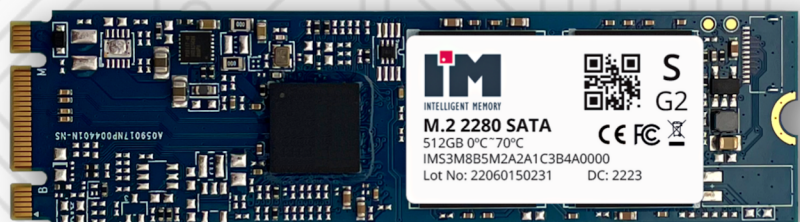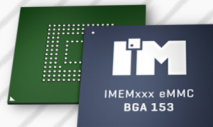
NAND Flash Product Overview

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
    - Tools include workload generator, live performance evaluator, life time monitoring, etc.

	eMMC	SD	SATA	PCIe	PATA	USB
Form Factors	100-ball 14x18mm 153-ball 11.5x13mm	SD microSD	M.2 (2242, 2280) 2.5" mSATA CFast BGA	M.2 (2242, 2280) U.2 BGA	CompactFlash	USB Stick
Product Families	Silver Ruby Emerald	Silver Ruby Emerald	Silver Ruby Emerald	Silver Ruby Emerald	Emerald	Emerald
Temperature Ranges	Standard: -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	Standard: -25°C to +85°C Industrial: -40°C to +85°C	Standard: 0°C to +70°C Industrial: -40°C to +85°C	Standard: 0°C to +70°C Industrial: -40°C to +85°C	Standard: 0°C to +70°C Industrial: -40°C to +85°C	Standard: 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.**

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