Apacer

The Most **Reliable**
Storage For Industries

Industrial microSD H1-M

Apacer
Industrial microSDXC U3 I
Wide Temp
128GB 10
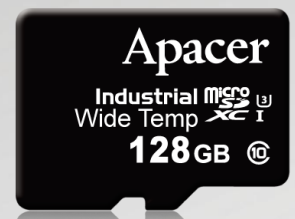
Industrial microSD H1-M

Overview

Apacer Industrial microSD H1-M series conforming to SD3.0 specification are designed with high performance, good reliability, wide compatibility, and through UHS-I, supporting speed class up to U3. The microSD 3.0 card is capable of delivering better performance and P/E cycles by the latest firmware architecture including a powerful built-in Error Correction, Read Retry , Wear Leveling & Bad Block Management algorithms.

Feature

- Compliant with SD 3.0 Specification
- S.M.A.R.T supported
- Wear-Leveling and Block Management
- Support SD mode and SPI mode
- Low Power Consumption
- Auto Read Refresh
- Power Failure Management

Specifications

Model	Industrial microSD H1-M
Interface	SD3.0
Form Factor	microSD
NAND Flash Type	MLC
Capacity	4G~128G
Sustained Read Performance (MB/sec)	Up to 75
Sustained Write Performance (MB/sec)	Up to 65
ECC Engine	Built-in 42-bit per 1K bytes BCH ECC
Standard Operating Temperature (°C)	-25 ~ + 85
Extended Operating Temperature (°C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ + 85
Shock	(Operating)1,500G, 0.5ms
Vibration	20Hz~80Hz/1.52mm (frequency/displacement) 80Hz~2,000Hz/20G (frequency/accelerate)
Operating Voltage	3.3 V ± 5%
Power Consumption	Operating: 155 Ma & Standby: 445 µA
Dimension (L x W x H)	15x11x1 (mm)
MTBF (hours)	>3,000,000

For more information, contact your Apacer representative

Global Presence

Taiwan (Headquarters)
Apacer Technology Inc.
Tel: +886-2-2267-8000
Fax: +886-2-2267-2261

Europe
Apacer Technology B.V.
Tel: +31-40-267-0000
Fax: +31-40-290-0686

U.S.A.
Apacer Memory America, Inc.
Tel: +1-408-518-8699
Fax: 1-510-249-9551

China
Apacer Electronic(Shanghai)
Co., Ltd.
Tel: +86-21-6228-9939

Japan
Apacer Technology Corp.
Tel: +81-3-5419-2668
Fax: +81-3-5419-0018

India
Apacer Technologies Pvt. Ltd.
Tel: +91-80-41529061~3
Fax: +91-80-41700215