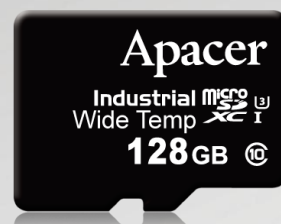


Apacer

The Most **Reliable**  
Storage For Industries



Industrial microSD H1-M



## 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

<b>Model</b>	Industrial microSD H1-M
<b>Interface</b>	SD3.0
<b>Form Factor</b>	microSD
<b>NAND Flash Type</b>	MLC
<b>Capacity</b>	4G~128G
<b>Sustained Read Performance (MB/sec)</b>	Up to 75
<b>Sustained Write Performance (MB/sec)</b>	Up to 65
<b>ECC Engine</b>	Built-in 42-bit per 1K bytes BCH ECC
<b>Standard Operating Temperature ( °C )</b>	-25 ~ + 85
<b>Extended Operating Temperature ( °C )</b>	-40 ~ + 85
<b>Storage Temperature ( °C )</b>	-40 ~ + 85
<b>Shock</b>	1,500G, 0.5ms
<b>Vibration</b>	20Hz~80Hz/1.52mm (frequency/displacement) 80Hz~2,000Hz/20G (frequency/accelerate)
<b>Operating Voltage</b>	2.7V ~3.6V
<b>Power Consumption</b>	Operating: 155 Ma & Standby: 445 μA
<b>Dimension (L x W x H)</b>	15x11x1 (mm)
<b>MTBF (hours)</b>	>3,000,000

**For more information, contact your Apacer representative**

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