

Apacer

The Most **Reliable**  
Storage For Industries



AH321-M



## AH321-M

### Overview

In addition to the highly reliable SLC chips, Apacer also offer the cost-effective MLC solutions, the industrial AH321-M adopting USB2.0 with up to 64GB, to provide more options to customers. The greatest difference between the industrial-grade USB drives and other consumer flash drives on the market lies in its firmware version and major components that can be fixed. Apacer's clients can benefit from the stable, long-term supply, with compatibility issues caused by frequent product component changes significantly reduced. Time and money spent on product verification can also be saved.



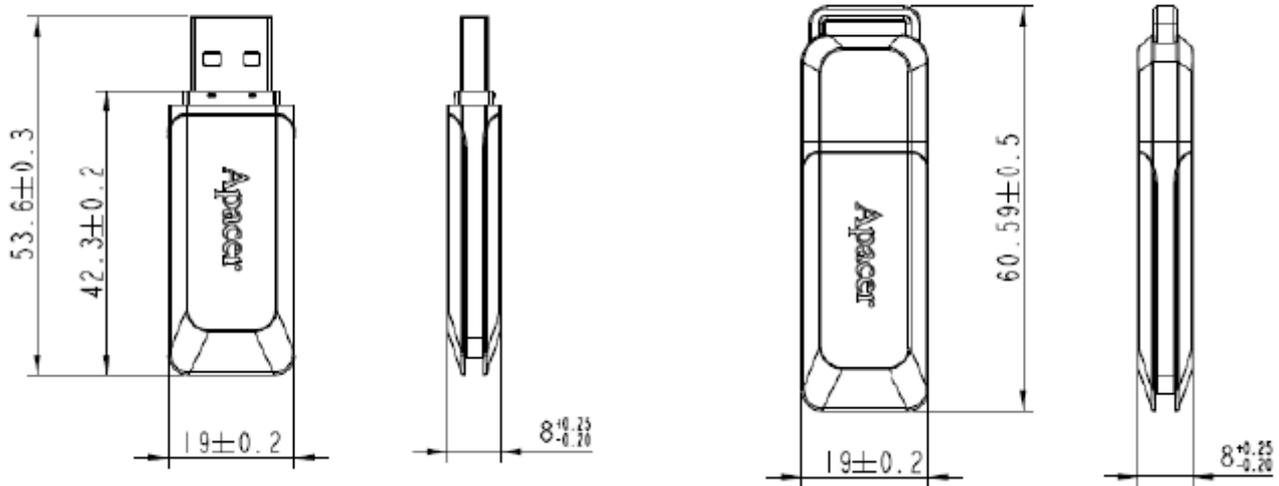
### Feature

- USB 2.0 high-speed transmission
- Implements advanced wear-leveling algorithms
- ECC engine
- Power Saving implemented
- Optional Industrial temp. range -40°C to 85°C

## Specifications

<b>Model</b>	AH321-M
<b>Interface</b>	USB 2.0
<b>Connector</b>	USB 2.0 A Type Plug
<b>Form Factor</b>	USB flash drive
<b>NAND Flash Type</b>	MLC
<b>Capacity</b>	4G~64GB
<b>Sustained Read Performance (MB/sec)</b>	Up to 33
<b>Sustained Write Performance (MB/sec)</b>	Up to 16
<b>ECC Engine</b>	Built-in 24-bit per 1K bytes BCH ECC
<b>Standard Operating Temperature ( °C )</b>	0 ~ + 70
<b>Extended Operating Temperature ( °C )</b>	-40 ~ + 85
<b>Storage Temperature ( °C )</b>	-40 ~ + 100
<b>Shock</b>	Operation: 50G, 11ms Non-operation: 1500G, 0.5ms
<b>Vibration</b>	Operation: 7.69 Grms, 20~2000 Hz/random (comply with MIL-STD-810G) Non-operation: 15 G, 10 ~ 2000 Hz/sine
<b>Operating Voltage</b>	5.0 V ± 5%
<b>Power Consumption</b>	Active mode: 185 mA & Idle mode: 65 mA
<b>Dimension (L x W x H )</b>	60.59 x 19 x 8
<b>MTBF (hours)</b>	>1,000,000

## Mechanical Specification



Unit: mm

For more information, contact your Apacer representative

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