Apacer

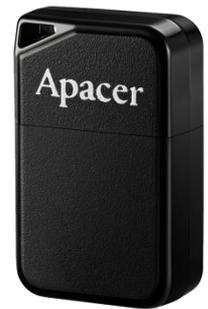## The Most **Reliable** Storage For Industries

EH163-M

EH163-M

Overview

Apacer EH163-M is a super speed USB 3.1 GEN 1 flash disk drive (backward compatible with USB 2.0/1.1) and featuring plug-and-play, EH163-M can be easily adopted in any computing system with an available USB port. The device can be automatically detected by the host computer so that users can access data to read, write, copy, or move data between host system drive and EH163-M. Data security-wise, EH163-M is built with the highest durability and ruggedness with a special Chip-On-Board (COB) packaging technology, which allows your precious files to be safely stored and protected against dust, water and shock at all times.

Moreover, With the high reliable MLC NAND Flash in a fixed BOM , it's tailor-made for embedded and industrial applications ,such as medical, IPC and automation applications.
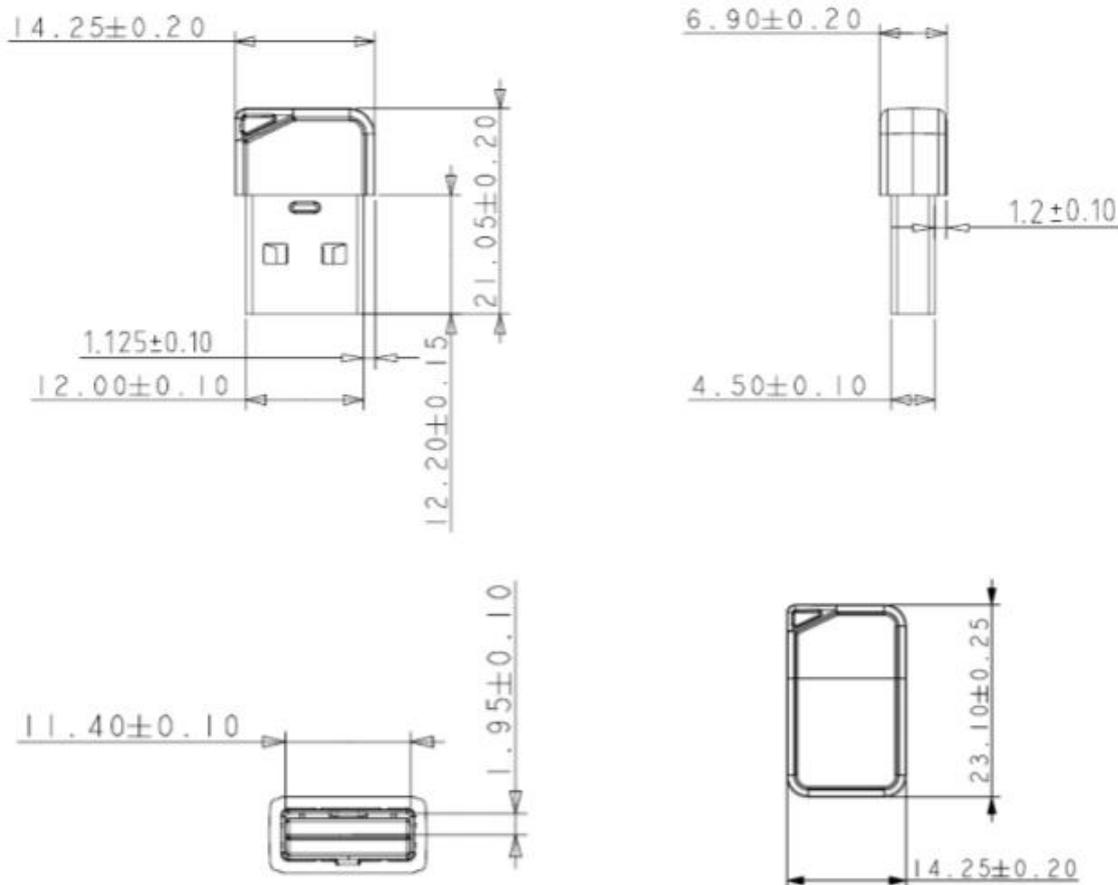
Feature

- USB3.1 high-speed transmission
- Support S.M.A.R.T Function
- Chip-On-Board technology: water/moisture resistance, dust, and shock resistant
- Implements advanced wear-leveling algorithms
- ECC engine
- Power Saving implemented

Specifications

Model	EH163-M
Interface	USB3.0
Connector	USB3.0 A Type Plug
Form Factor	USB flash drive
Operation Mode	NULL
Transfer Mode	NULL
NAND Flash Type	MLC
Capacity	8GB~64GB
Sustained Read Performance (MB/sec)	Up to 225
Sustained Write Performance (MB/sec)	Up to 80
ECC Engine	Built-in 39-bit per 1K bytes BCH ECC
Standard Operating Temperature (℃)	0 ~ + 70
Storage Temperature (℃)	-40 ~ + 85
Vibration	Operation: 7.69 Grms, 20~2000 Hz/random (comply with MIL-STD-810G) Non-operating: 4.02(Grms), 15~2000(Hz)/random (comply with MIL-STD-810G)
Operating Voltage	5.0 V ± 5%
Power Consumption	Active mode: 275 mA & Idle mode: 80 mA
Dimension (L x W x H)	23.1 x 14.3 x 6.9
MTBF (hours)	>2,000,000

Mechanical Specification

14.25±0.20

6.90±0.20

21.05±0.20

1.2±0.10

1.125±0.10

12.00±0.10

1.5

12.20±0.15

4.50±0.10

1.95±0.10

11.40±0.10

23.10±0.25

14.25±0.20

Unit: mm

For more information, contact your Apacer representative

Global Presence