

# Apacer

The Most **Reliable**  
Storage For Industries

UM120-UFD5



## UM120-UFD5

### Overview

Apacer USB 3.0 Handy Flash Drive UM120-UFD5 is a ultra high-performance flash disk drive designed offering portable storage solutions or external memory expansion. This new generation USB flash drive is compatible with the latest USB specification – USB 3.0 Super Speed, with a maximum transfer rate of 5 Gb/s. The connector is backward employable with USB 2.0 and USB1.1 interfaces as well.



With compliance with USB 3.0 specification, this USB drive can deliver up to 195 MB/s outstanding performance. Reliability wise, the USB comes with various implementations including powerful hardware ECC engine, power saving modes, Wear Leveling and flash block management. This product is well suited for portable flash storage applications while operating at minimal power consumption.

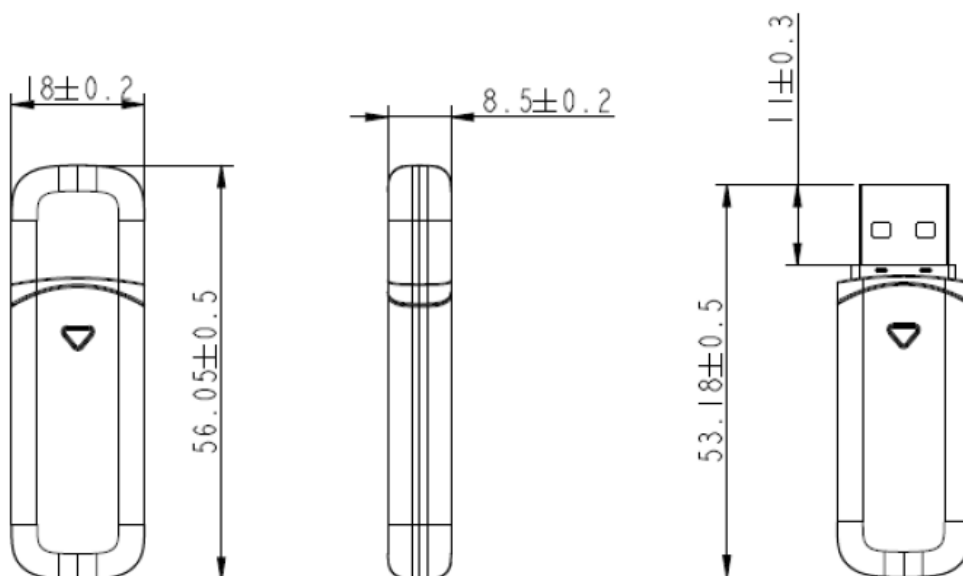
### Feature

- USB 3.0 high-speed transmission
- Support S.M.A.R.T Function
- Wear Leveling
- ECC engine
- Power Saving implemented
- Optional industrial temp. range -40°C to 85°C

## Specifications

<b>Model</b>	UM120-UFD5
<b>Interface</b>	USB 3.0
<b>Connector</b>	USB 3.0 A Type Plug
<b>Form Factor</b>	USB flash drive
<b>NAND Flash Type</b>	MLC
<b>Capacity</b>	8GB~128GB
<b>External DRAM</b>	No
<b>Sequential Read Performance (MB/sec)</b>	Up to 195
<b>Sequential Write Performance (MB/sec)</b>	Up to 95
<b>ECC Engine</b>	Built-in 39-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>Housing</b>	Yes
<b>H/W Write Protect</b>	No
<b>Shock</b>	Operation: 50G/11ms (compliant with MIL-STD-202G) Non-operation: 1500G/0.5ms (compliant with MIL-STD-883K)
<b>Vibration</b>	Operation: 7.69 Grms, 20~2000 Hz/random (compliant with MIL-STD-810G) Non-operation: 4.02 Grms, 15~2000 Hz/random (compliant with MIL-STD-810G)
<b>Operating Voltage</b>	5.0 V $\pm$ 5%
<b>Power Consumption</b>	Active mode: 275 mA; Idle mode: 85 mA
<b>Dimension (L x W x H )</b>	56.05 x 18 x 8.5 (mm)
<b>MTBF (hours)</b>	>3,000,000

## Mechanical Specification



Unit: mm

For more information,  
contact your Apacer representative

### Global Presence

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