

# Compliant with USB Standard Specification 2.0 and backwards-compatible with USB 1.1

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 [silicon-power.com/web/gb/product-UFD310](http://silicon-power.com/web/gb/product-UFD310)



## Specifications

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- Capacity
  - 8GB ~ 32GB
- Interface
  - USB 2.0
- Storage Temperature
  - -55°C ~ 95°C
- Seq. Performance Read (max.)
  - 20 MB/s

- Seq. Performance Write (max.)
- 15 MB/s
  
- Power Requirement
- DC 5.0V
  
- Power Consumption(max.)
- 110mA
  
- Power Consumption (idle)
- 1.2mA
  
- Dimension (mm)
- 60.6 x 18.0 x 8.1
  
- MTBF (est)
- ≧2,000,000 hrs
  
- Operating Temp. (Standard)
- SP\*\*\*GIUFD31\*NVo
  
- Operating Humidity
- 10% ~ 95% (30°C Max Wet Bulb Temp)
  
- Vibration
- 15G, 10 ~ 2000Hz
  
- Drop
- 75cm
  
- Shock
- 1,500G@0.5ms
  
- Duration (cycles)
- 10000
  
- SP SMART Utility
- ©
  
- Warranty
- 3 years and within guranteed TBW

## Features

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- Compliant with USB Standard Specification 2.0 and backwards-compatible with USB 1.1
- Supports USB Mass Storage Command Protocol
- Operates as Boot Disk or Code Storage Device for Embedded Operating System
- Supports SP Toolbox SMART Health Monitoring System software (optional)

- Security partition drive available by request

Form Factor	NAND	Interface	Capacity	Temp.	P/N
USB	MLC	USB 2.0	8GB	0~70°C	SP008GIUFD315NV0
USB	MLC	USB 2.0	16GB	0~70°C	SP016GIUFD315NV0
USB	MLC	USB 2.0	32GB	0~70°C	SP032GIUFD315NV0