

SI-1127US31C

Specification



Revision Notice

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Initial release.

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1. Appearance



2. Specification

- A. 1 x USB 3.1 Gen.2 (Type C) port upstream. The design will support 1x 2.5" SATA III (10 Gbps).

3. Features

- A. High-strength ABS+PC plastic and High quality metal for optimized heat dissipation
- B. USB 3.1 Gen2 super speed up to 10Gbps.
- C. Backward compatible with 2.0&1.0.
- D. Military Class Essentials.
- E. Pass US Army standard MIL-STD-810G shock / vibration / thermal shock tests.
- F. NEMA4 water proof.
- G. Japanese PORON for anti-vibration / shock.
- H. Supports 1x 2.5 "SATA HDD (up to 9.5mm height). Be compatible with any SATA
- I. Supports over 2.2TB HDD.

4. Operating System Support

- A. Mac OS X 10.4 and future releases.
- B. Windows XP, VISTA, 7 SP1 32 and 64 bit, Windows 8/8.1/10 32 and 64 bit and future releases.

5. Environment Specification

Operating Temperature	-40 to 85° C (-40° F to 185° F)
Storage Temperature	-40 to 85° C (-40° F to 185° F)
Thermal Shock	-40° C 15 min, +75° C 15 min, 5 cycles; MIL-STD-810G, Method 503.5
Vibration	15 G peak, 150 to 2000 Hz, 3-axis. MIL-STD-810G, Method 514.6
Shock	50 G, 10 ms, 3 axes -- Method 516.6, MIL-STD-810G
Humidity	95% RH, 60° C, 240 hrs total. MIL-STD-810G, Method 507.5
Water Seal-ability	IPX5 standard.
Salt Spray	5% salt and water solution at 35° C (95° F) for 96 hours, MIL-STD- 810G, Method 509.5.
Sand and Dust	1740 ft/min, 12 hrs, concentration 0.29 g/ft ³ ; MIL-STD-810G, Method 510.5, Procedure I, IP6X standard.
Chemical Resistance	Insecticide, glass cleaner, finger print solution, and hand cream resistant.
Flammability	94VO and 94 HB
Certifications	CE, FCC Class B, RoHS.

6. Power & Accessories

- A. Retail Color Box x 1.
- B. USB 3.1 Gen 2 TYPE C to TYPE C Cable (e-mark)x 1 meter.
- C. User's manual x 1.