

RoHS Compliant

USB 3.2 Gen2 USB-C Portable SSD

AS721 Product Specifications



Dec, 2020

Version 1.0

Apacer Technology Inc.

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Specifications Overview:

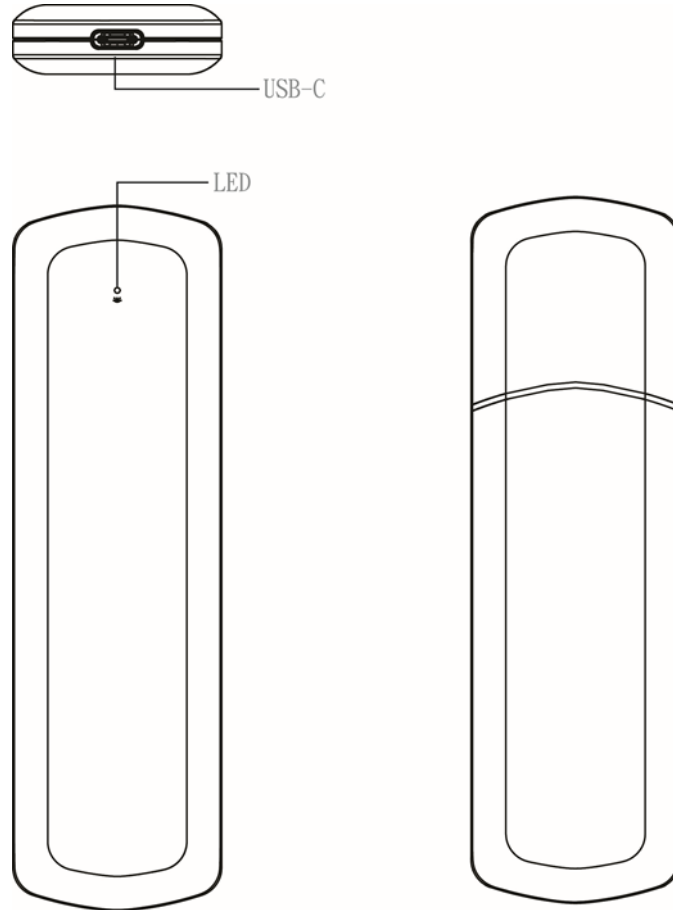
- **Interface**
 - USB 3.2 Gen 2 SATA / USB-C
- **Capacity**
 - 250GB, 500GB, 1TB
- **Performance***
 - Transfer read speed up to 530 MB/s
 - Transfer write speed up to 500 MB/s
- **Flash Management**
 - Bad block management
 - S.M.A.R.T.
 - Power Failure Management
 - TRIM
- **Features Support List:**
 - Bus-powered, plug and play, no drivers needed.
- **Endurance (in Terabytes Written: TBW)**
 - 250 GB: 180 TBW
 - 500 GB: 425 TBW
 - 1TB: 835 TBW
- **Temperature Range**
 - Operating: 0°C to 70°C
 - Storage: -40°C to 85°C
- **Supply Voltage**
 - 5V ± 5%
- **Power Consumption***
 - max. ripple (p-p): 100mV
 - Active Maximum: <4W
 - Idle/Standby/Sleep: <1W
- **NAND Flash Type:** 3D NAND
- **MTBF:** 2,000,000 hours
- **Form Factor**
 - Body size is 122 x 36 x 12 mm compact and portable
 - Shock and crush-resistant aluminum design
- **Shock & Vibration****
 - Shock: 1,500 G
 - Vibration :20G
- **RoHS Compliant**

*Varies from capacities. The values for performances and power consumptions presented are typical and may vary depending on flash configurations or platform settings.

**Non-operating

Physical Dimension

Dimension: 12.0mm (H) * 36mm (W) * 122mm(L)



Part Number Listing

Capacity	Retail P/N
250GB	AP250GAS721B-1
500GB	AP500GAS721B-1
1TB	AP1TBAS721B-1

Revision History

Revision	Description	Date
1.0	Preliminary release	12/16//2020

Global Presence

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