

**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:

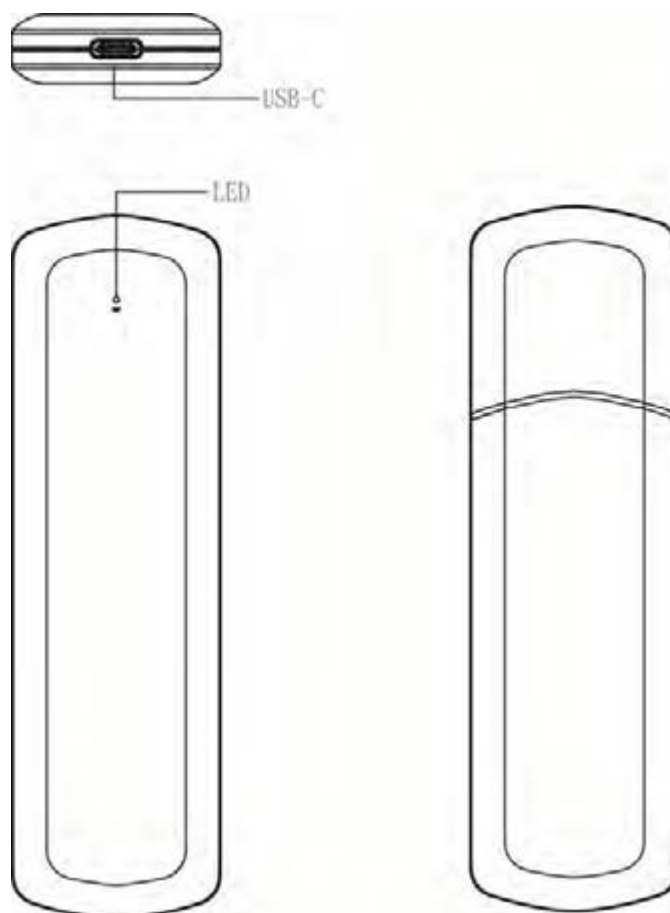
- **Interface**
  - USB 3.2 Gen 2 SATA / USB-C
- **Capacity**
  - 250GB, 500GB, 1TB
- **Performance\***
  - Transfer read speed up to 530 MB/s
  - Transfer write speed up to 500 MB/s
- **Flash Management**
  - Bad block management
  - S.M.A.R.T.
  - Power Failure Management
  - TRIM
- **Features Support 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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