



USB 3.2 NANODURA Dual

The Global Leader in Specialized Storage and Memory Solutions



KEY FEATURES

- Superior Random Write performance
- Global wear leveling
- Bad block management algorithm
- High reliability
- Plug and Play with hot-swappable connection supported
- OTG Type-C connector supported

The B600Sc Series NANODURA Dual universal flash drives (UFDs) are removable storage media that comply with Superspeed USB 3.2 Gen 1 specifications. With data transfer rates of up to 5 Gb/s, the B600Sc Series exceeds USB 2.0's maximum transfer speed of 480 Mb/s.

These UFDs use Type-C connectors that support reversible plug orientation and are available in 32/64/128 GB capacities to meet varied data storage requirements.

Technologies		S.M.A.R.T/ Life Monitor	SiP	Firmware-Based Power Loss Protection	Advanced Wear Leveling	Auto-Read Calibration
Superior	B600Sc	○	○	○	○	○

Specifications

Product Line	Superior
	B600Sc
Interface	USB 3.2 Gen1 x 1
Flash Type	3D TLC
Form Factor	USB Type-A USB Type-A/Type-C Dual Connector ¹ (Optional)
Operating Temperature	0°C to 70 °C
Power Loss Protection Options	Firmware Based
Optional SED Features	-
Capacity	32 GB to 128 GB
Performance	
USB 3.2 Sequential Read (MB/s) up to	270
USB 3.2 Sequential Write (MB/s) up to	85
USB 2.0 Sequential Read (MB/s) up to	45
USB 2.0 Sequential Write (MB/s) up to	30
Endurance and Reliability	
Endurance (TBW) ² up to	84 TB
Reliability MTBF @ 25 °C	>2,000,000 hours
Reliability Number of Insertions	10,000 minimum
Others	
Dimensions (mm)	28 x 12.25 x 4.65 Dual Connector: 36.40 x 12.25 x 4.65
Certifications	CE, FCC, UKCA, RoHS
Warranty	3 years

1. Dual connector device supports USB On-The-Go (OTG)
2. Under highest Sequential write value. May vary by density, configuration and applications.



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Product spec and its related information are subject to change without advance notice.

Please refer to www.atpinc.com for latest information

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