



# 11K P/E Cycles in Native TLC mode

## PCIe® Gen4 NVMe M.2 2280 SSDs



### The N751Pi

sets a new industry standard with the highest endurance among industrial SSDs configured with pseudo single-level cell (pSLC) NAND.

It comes with a standard high endurance rating of 100K P/E cycles but can be further configured to achieve an unparalleled endurance of 150K P/E cycles\* — a 50% increase. This enhancement translates to an impressive 75 Drive Writes Per Day (DWPD) for sequential write workloads and 21 DWPD for JESD219A enterprise workloads.

### The N651Si/N651Sc

boasts unmatched 11K P/E cycles endurance — the highest for any SSD configured with native triple level cell (TLC) NAND, translating to a drive-level endurance of 1 drive write per day (DWPD) with default 7% overprovisioning (OP).

#### SPECIFICATIONS

- Interface: PCIe Gen4 x4
- Protocol: NVMe 1.4
- Capacity: 80 GB to 3.84 TB
- Endurance: Up to 120,000 TB
- I-Temp Operable\*

#### KEY FEATURES\*

- MCU-based HW Power Loss Protection
- Self-Encrypting Drive (SED) with AES 256-bit Encryption, TCG Opal 2.0
- End-to-End Data Path Protection
- Thermal Management Solutions

#### PERFORMANCE

- Sequential Read (MB/s): Up to 6,450
- Sequential Write (MB/s): Up to 6,050
- Random Reads IOPS: Up to 1,091,000
- Random Writes IOPS: Up to 1,245,000

\* Depending on model and configuration.



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## WE BUILD WITH YOU

Product spec and its related information are subject to change without advance notice. Please refer to [www.atpinc.com](http://www.atpinc.com) for latest information

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