# CONSUMER SSD

Experience lightning-fast responsiveness and upgrade your everyday computing. Boot up in seconds, load applications instantly, and enjoy a smoother workflow.

# MP100

MiPhi MP100 SATA III Solid State Drive

- Operating Temperature is from 0 to 70 Celsius
- Provides up to 2TB capacity
- Supports SATA III

# MiPhi MP100

## SPECIFICATION

|                          | 2TB         | 1TB         | 512GB       | 256GB       | 128GB       |
|--------------------------|-------------|-------------|-------------|-------------|-------------|
| **MODEL NUMBER**         |             |             |             |             |             |
|                          | MP311200T   | MP311100T   | MP311512G   | MP311256G   | MP31128G    |
| **INTERFACE**            |             |             |             |             |             |
|                          | SATA III    | SATA III    | SATA III    | SATA III    | SATAIII     |
| **NAND Flash**           |             |             |             |             |             |
|                          | 3D QLC      | 3D TLC      | 3D TLC      | 3D TLC      | 3D TLC      |
| **FORM FACTOR**          |             |             |             |             |             |
|                          | 2.5"        | 2.5"        | 2.5"        | 2.5"        | 2.5"        |
| **PERFORMANCE1**         |             |             |             |             |             |
| **Sequential Read up to (Mb/s)**  | 550 MB/s    | 550 MB/s    | 550 MB/s    | 550 MB/s    | 550 MB/s    |
| **Sequential Write up to (MB/s)** | 500 MB/s    | 500 MB/s    | 500 MB/s    | 490 MB/s    | 465 MB/s    |
| **Random Read**          | 97K IOPS    | 90K IOPS    | 80K IOPS    | 75K IOPS    | 70K IOPS    |
| **Random Write**         | 86K IOPS    | 85K IOPS    | 80K IOPS    | 80K IOPS    | 80K IOPS    |
| **DWPD**                 |             |             |             |             |             |
|                          | 0.27        | 0.27        | 0.27        | 0.27        | 0.27        |
| **UBER**                 |             |             |             |             |             |
|                          | <10-15 bits | <10-15 bits | <10-15 bits | <10-15 bits | <10-15 bits |
| **WARRANTY**             |             |             |             |             |             |
|                          | 5 Years     | 5 Years     | 5 Years     | 5 Years     | 5 Years     |