

# MO300 mSATA3

## Consumer SSD Series



**MO300 mSATA3 SSD**  
**RCS-VI-T50XX-XXX**

### RunCore Consumer SSD “Sprinter Series”

mSATA3 (6Gbps) Solid State Drive (SSD) is a high capacity solid-state flash memory product that complies with the SATA 6Gbps standard and is functionally compatible with a SATA hard disk drive.

It is a standard SATA product which conforms to JEDEC MO-300 specifications. It provides an affordable, high performance storage upgrade for recent storage that has limited space and low power consumption for systems like Lenovo E220/E420, Y460/Y560, X220/T420/T520 and Dell Precision M4500/M6400 /M6500 and others.

- Form Factor: mSATA3 JEDEC MO300
- Supports SATA III standard protocol, compatible with SATA II, SATA I
- Capacity:
  - TLC: 2TB (max)
  - MLC: 1TB (max)
- Performance:
  - 4KB Random Read 60K IOPS
  - 4KB Random Write 70K IOPS
  - Sequential Read 560MB/s (max)
  - Sequential Write 450MB/s(max)
- Operating Temperature:
  - 0°C to +70°C
- Power Supply:
  - 3V Input
  - 4.5W Max power consumption
- Physical Features:
  - Dimension 50mm x 30mm x 4mm
  - Weight ≤ 55g
- Standard Compliance/ Support:
  - SATA IO
  - JEDEC Endurance