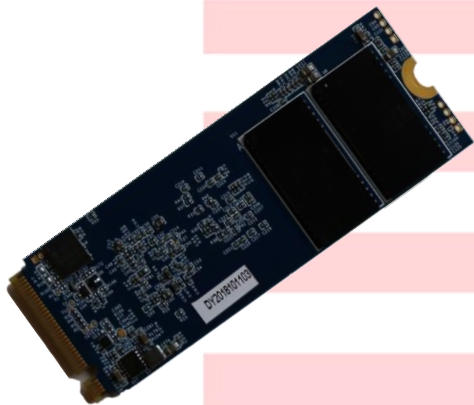


M.2 PCIe NVMe

Embedded Standard SSD Series



M.2 PCIe SSD NVMe
RCE-VI-PM2XX-XXX

RunCore Embedded PCIe3 NVMe “Elite Series” SSD

M.2 PCIe3 NVMe Solid State Drive (SSD) is a high capacity solid-state flash memory product that complies with the PCIe Gen 3 standard and is functionally compatible with a PCIe protocol.

It provides an affordable, high performance storage upgrade for recent storage that has limited space and low power consumption.

It utilizes high-performance PCIe Gen3 SSD controller and NAND flash, with or with no DRAM buffer to support power failure mechanism.

- Form Factor: M.2 NGFF
- Supports PCIe 3.0 x 4
- Capacity:
 - pSLC: 512GB (max)
 - MLC: 1TB (max)
- Performance:
 - 4KB Random Read 290K IOPS
 - 4KB Random Write 205K IOPS
 - Sequential Write 2200MB/s(max)
 - Sequential Write 1500MB/s (max)
- Operating Temperature:
 - -40°C to +85°C
 - 0°C to +70°C
- Power Supply:
 - 3.3V ±5% (Max 2.2A), power consumption ≤7.5W (max)
- Physical Features:
 - Dimension 80mmx 22mmx3.6mm
 - Weight ≤ 50g
- Data Security:
 - With conformal coating
 - Supports ATA command data erasure
 - Supports one-key data erasure (GPIO external pin)
 - Supports power failure protection
- Standard Compliance/ Support:
 - MIL-STD-810
 - SATA IO
 - JEDEC Endurance