

# 2.5" U.2 PCIe NVMe

## Embedded SSD Series



### RunCore Embedded SSD "Elite Series"

2.5" U.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.

This product supports mainstream OS, such as Windows\ MAC\ Linux\ Unix\ Solaris\ Vxworks.



2.5" U.2 PCIe NVMe  
RCE-VI-U25XX-XXX

- Form Factor: 2.5" 15mm U.2 (SF-8639)
- Supports PCIe 3.0 x 4
- Capacity:
  - pSLC: 1TB (max)
  - MLC: 2TB (max)
- Performance:
  - 4KB Random Read 750K IOPS
  - 4KB Random Write 350K IOPS
  - Sequential Write 3200MB/s(max)
  - Sequential Write 1850MB/s (max)
- Operating Temperature:
  - -40°C to +85°C
  - 0°C to +70°C
- Power Supply:
  - 12V ±5% (Max 2.1A) & 3.3V±5% (Max 100mA), power consumption ≤25W (max)
- Physical Features:
  - Dimension 100.45mmx 69.85mmx15mm
  - Weight ≤ 210g
- 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