



Main Features

- Mini-PCIe Form Factor
- No Batteries
- Non-Volatile RAM Design
- Capacity Support 1MB
- Data retained while system power lost

Product Overview

NISKNVRAM is a MRAM Mini-PCIe device which provides non-volatile data storage and access for all NISE/NIFE models. The MRAM density is 1MB and the data speed is 12MB/s for both read/write timing. NISKNVRAM is a great solution for Factory Automation application that requires data secure and protection during power loss or low voltage.

Specifications

Form Factor

- Mini-PCIe Gen1, MiniCard full size

Dimension

- 51 x 30mm

MRAM Density

- 1MB, MRAM
- 4MB, MRAM (maximum support, By request)

Power Requirement

- + 3.3V, Mini-PCIe standard

Data Bus

- 32 bits

Speed

- 12MB/s for read/write (32bits)

Endurance

- Unlimited Read/Write Endurance

Data Retention:

- Data Retained For >20-Years Without Backup Cycle

Environment

- Operating Temperature:
Ambient with air flow: 0°C ~ 70°C
- Storage Temperature: -40°C ~ 85°C
- Relative Humidity: 5% to 95% (Non-Condensing)

RoHS

- Compliance with RoHS

Driver OS Support Lists

- Windows 7 32bits

Ordering Information

- NISKNVRAM (P/N: 10JKNVRAM00X0)