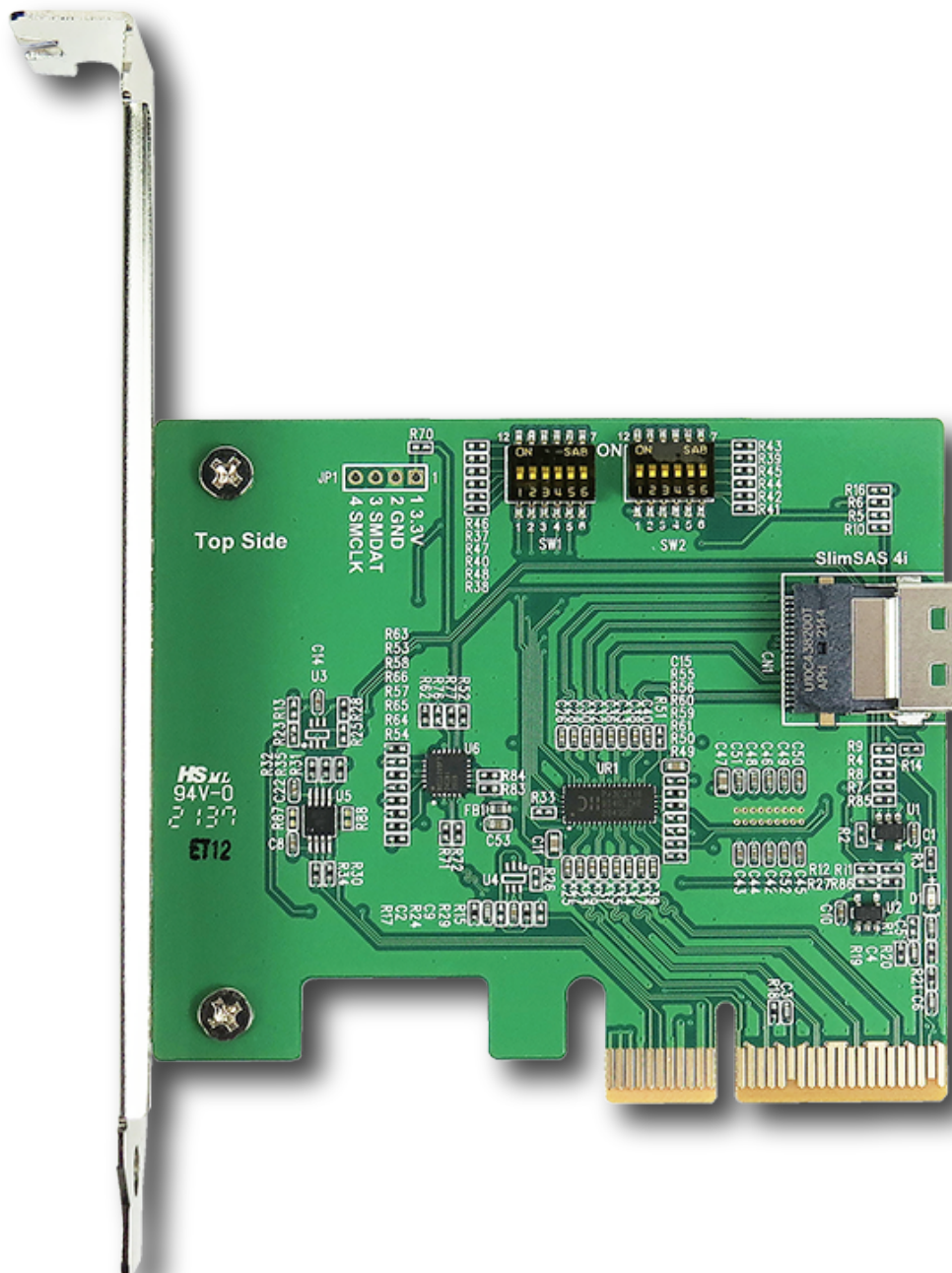# DP9402

### *PCIe x4 Gen4* with ReDriver to SlimSAS 4i (SFF-8654) AIC

# PCIe x4 Gen4 with ReDriver to SlimSAS 4i (SFF-8654) AIC

## Features

- ※ SlimSAS 4i (SFF-8654) to PCI Express 4.0 x4 convert
- ※ Built- in SFF-8654 connector, pin-out defined by SFF-9402 Rev1.1
- ※ Built- in PCIe 4.0 ReDriver to extend PCIe x4 data width link signals
- ※ Built- in PCIe 100MHz Clock buffer to drive longer trace lengths and longer cable
- ※ Built- in PCIe SMBus bidirectional buffer repeater
- ※ Built- in PERST# Bus Buffer Gate to be used over longer trace lengths and over  longer cable
- ※ Built- in WAKE# Bus Buffer Gate to be used over longer trace lengths and over longer cable
- ※ Built- in CLKREQ# Bus Buffer Gate to be used over longer trace lengths and longer over cable
- ※ Built- in PWRBRK# Bus Buffer Gate to be used over longer trace lengths and longer over cable
- ※ D3 Green LED on indicates AIC ready
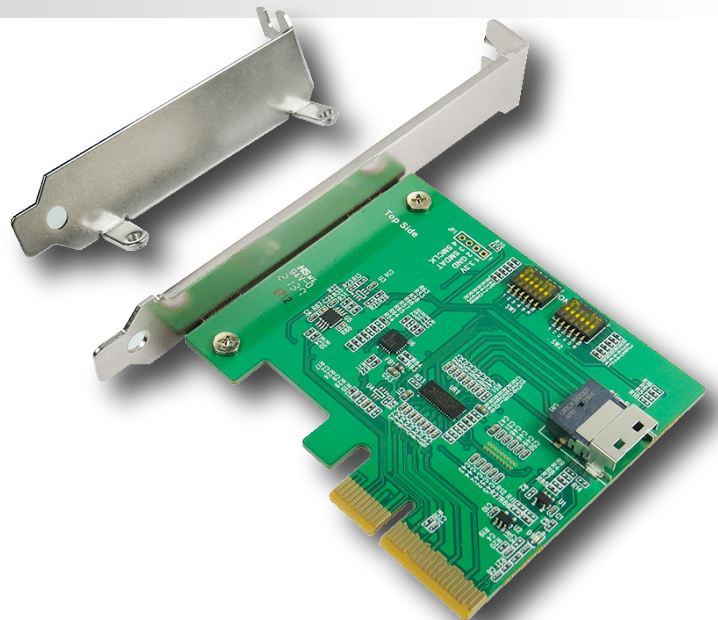
## Specifications

- ※ PCI Express Base Specification Rev 4.0
- ※ PCIe_CEM_SPEC_R4_V1_0_08072019_NCB
- ※ Support SSD_Form_Factor_Version1_a
- ※ Compliant with SFF-8654 Specification Version 1.2
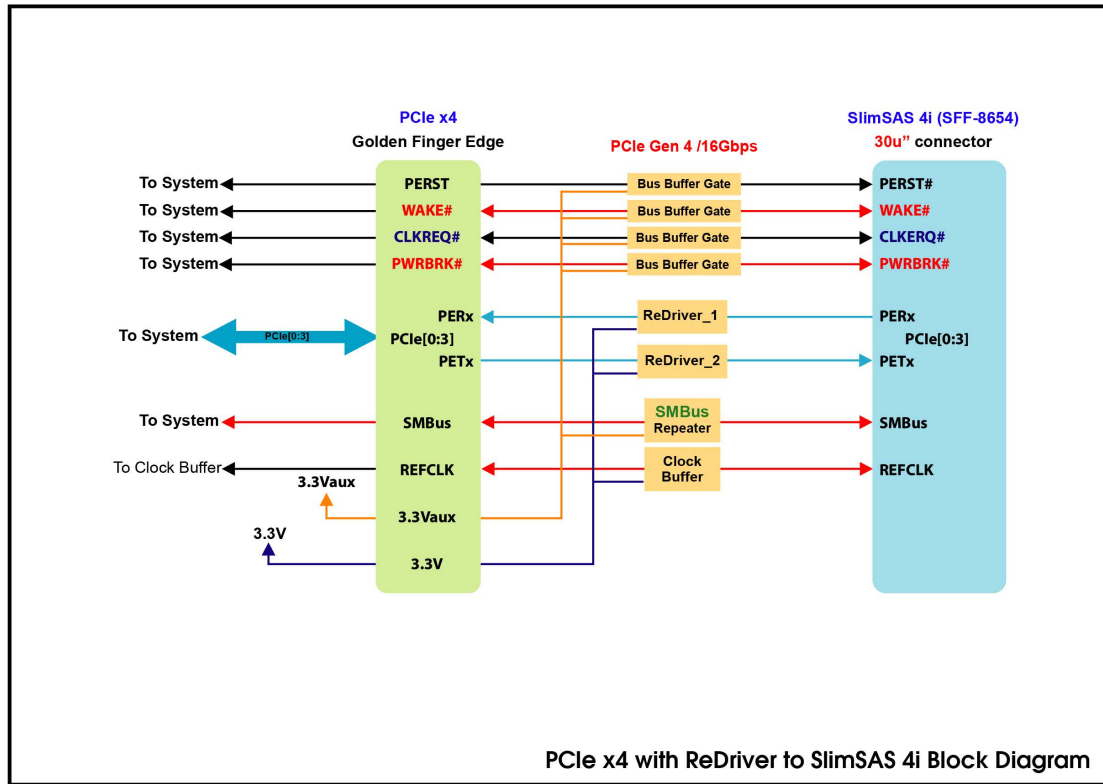
## Operating system support

- ※ Windows 7
- ※ Windows 8 &8.1
- ※ Windows 10
- ※ UEFI 2.3.1 or later

## Applications

- ※ Rack server
- ※ Microserver and Tower server
- ※ High performance computing
- ※ Hareware accelerator
- ※ Storage Controller HBA(Host Bus Adapter)
- ※ Desktop PC/motherboard

# PCIe x4 Gen4 with ReDriver to SlimSAS 4i (SFF-8654) AIC



PCIe x4 with ReDriver to SlimSAS 4i Block Diagram
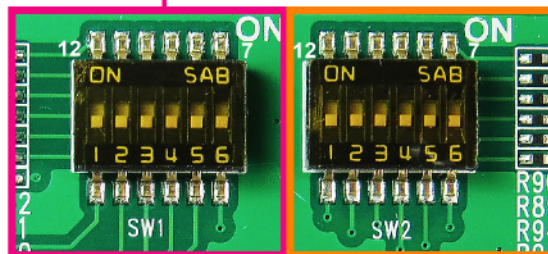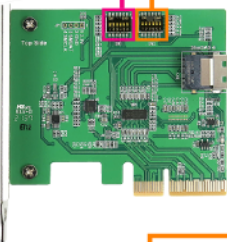
## The switches settings are as noted below