

Innocard

Minerva

GD1412LU

U.2 (SFF-8639) to PCIe 4.0 x16 slot with GPU stand



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Features

- ※ U.2 PCIe 4.0 to PCIe x16 Slot with 4-lane data link width convert
- ※ Built-in U.2/ SFF-8639 connector with 30u"(0.76um) min Au mating area plating
- ※ Built-in PCIe 5.0 x16 Slot with 30u"(0.76um) min Au mating area plating
- ※ Built-in Fuse to protect input 12V/ 5A over current
- ※ Support 12V to 3.3V PWM Power Controller
- ※ Support 3.3VAUX with Load Switch protection
- ※ Built-in PCIe PERST# Bus Buffer & Programmable-Delay Supervisory Circuit
- ※ Built-in PCIe WAKE# Auto-Bidirectional Multi-Voltage Level Translator
- ※ Built-in PCIe CLKREQ# Auto-Bidirectional Multi-Voltage Level Translator
- ※ Built-in SMBus Hot Swappable Bus and Buffer
- ※ LED1 PCIe +12V power ready
- ※ LED2 PCIe +3.3V power ready
- ※ LED3 PCIe 3.3Vaux power ready
- ※ LED4 ON to OFF indicates PCIe PERST# OK

Specifications

- ※ Support PCI Express Base Specification Rev 4.0
- ※ Compliant with PCIe_CEM_SPEC_R4_V1_0_08072019_NCB
- ※ Compliant with SFF-9402 Rev1.1
- ※ Compliant with PCIe_SFF_R4.0_V1.0_03112021_NCB

Operating system support

- ※ Windows 8 &8.1
- ※ Windows 10
- ※ Windows 11
- ※ Linux
- ※ VMware

Applications

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



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GD1412LU U.2 to PCIe 4.0 x16Slot Adapter Block Diagram

