



Main Features

- mini-PCIe form factor
- Easy and user-friendly configurations
- 2.5KV galvanic isolation for four ports
- DB26 connector interface

Product Overview

NISKECOM3 with universal I/O bracket is specifically designed with NISE/NIFE models for serial port expansions. Based on four independent UART channel, NISKECOM3 can support four independent RS232/RS422/RS485 auto ports via cables with DB26 connector type, with 2.5KV Galvanic Isolation protection. NISKECOM3 only supports Tx/Rx/CTS/RTS signals.

Specifications

Form Factor

- mini-PCIe form factor

Dimensions

- 30mm (W) x 51mm (L) x 10mm (H)
- At least 20mm height for installation

Interface and Operation

- PCIe 2.0 gen 1 compliant
- Data read/write 32-bit operation

Isolation Protection

- 2.5KV galvanic isolation for four ports

UART and Register

- Support four independent UART channels controlled with
 - 16550 compatible register Set
 - 256-byte TX and RX FIFOs
 - Programmable TX and RX trigger levels
 - TX/RX FIFO level counters
 - Fractional baud rate generator
 - flow control with programmable hysteresis with programmable turn-around delay

Environment

- Environment operating temperature: 0°C to 70°C
- Storage temperature: -20°C to 75°C

OS Support

- Windows XP 32-bit and 64-bit
- Windows 7 32-bit and 64-bit

Ordering Information

Barebone

- **NISKECOM3 universal kit (DB26) (P/N: 10JK0ECOM04X0)**
mini-PCIe to 4 x COM module (RS232/422/485 auto) w/ 2.5KV isolation
via internal DB26 cable w/ universal bracket (cable length: 25cm)