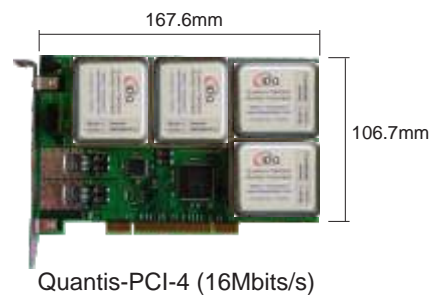
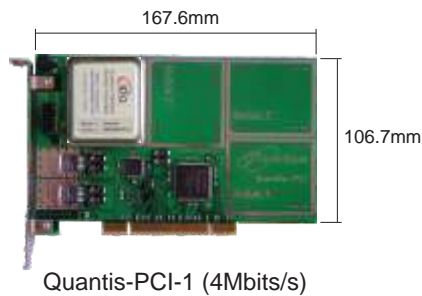


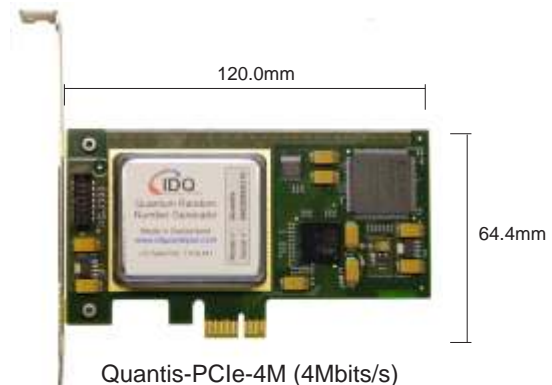
REDEFINING RANDOMNESS QUANTIS PCI CARD



GENERAL SPECIFICATIONS

- Random bit rate
 - 4 Mbit/s \pm 10% (Quantis-PCI-1)
 - 16 Mbit/s \pm 10% (Quantis-PCI-4)
- Thermal noise contribution < 1% (Fraction of random bits arising from thermal noise)
- Storage temperature -25 to +85°C
- Dimensions 167.6 mm x 106.7 mm
- PCI local bus specification 2.2
- Requirements IBM-compatible PC with available PCI slot

QUANTIS PCI EXPRESS (PCIe) CARD



GENERAL SPECIFICATIONS

- Random bit rate
 - 4 Mbit/s \pm 10% (Quantis-PCIe-4M)
- Thermal noise contribution < 1% (Fraction of random bits arising from thermal noise)
- Storage temperature -25 to +85°C
- Dimensions 120 mm x 64.4 mm
(supplied with low profile and standard height brackets)
- PCI Express specification PCI Express Base 1.0a compliant
- Requirements IBM-compatible PC with available PCI Express slot



REDEFINING RANDOMNESS QUANTIS USB DEVICE



GENERAL SPECIFICATIONS

■ Random bit rate	4 Mbit/s \pm 10% (Quantis-USB-4M)
■ Thermal noise contribution	< 1% (Fraction of random bits arising from thermal noise)
■ Storage temperature	-25 to +85°C
■ Dimensions	61mm x 31mm x 114mm
■ USB specification	2.0
■ Requirements	IBM-compatible PC with available USB connector
■ Power	via USB port

SUPPORTED OPERATING SYSTEMS

Quantis software (drivers, Quantis library and application) available for the following operating systems:

	PCI ¹ / PCIe ²	USB ³
Windows XP (32-bit)	✓	✓
Windows XP (64-bit)	✗	✗
Windows Server 2003 (32-bit)	✓	✓
Windows Vista (32-, 64-bit)	✓	✓
Windows Server 2008 (32-, 64-bit)	✓	✓
Windows 7 (32-, 64-bit)	✓	✓
Linux 2.6 (32-, 64-bit)	✓	✓
Solaris / OpenSolaris	✗ ⁴	✗ ⁴
FreeBSD	✗ ⁴	✗ ⁴
NetBSD	✗ ⁴	✗ ⁴
OpenBSD	✗ ⁴	✗ ⁴
Max OS X	✗ ⁴	✗ ⁴

Notes:

1 : Quantis-PCI-1, Quantis-PCI-4

2 : Quantis-PCIe-4M

3 : Quantis-USB-4M

4 : Available subsequently. Contact IDQ for more information



