A L E A
QUANTUM TECHNOLOGIES

# AQ1 Quantum Random Number Generator (PCIe)

## Get access to high-end quantum entropy

Gain direct access to high quality entropy representing the latest breakthroughs in quantum technology.
The device provides true random numbers based on the principles of quantum physics, supporting data research and enabling unmatched encryption to protect sensitive data.

- Outputs truly unique uniform random numbers at ***2.9 Gbps*** over single gigabit lane.
- Compliant to ***PCI Express 3.0 x2*** for easy integration to servers or workstations with drivers for Linux.
- Compliant with ***NIST SP 800-90B*** entropy source recommendations.
- Produces high quality entropy for use in applications such as data encryption, data research and simulations.
- Cost-effective solution offering competitive pricing pr. Gbps.
- Dimensions: W: 128 mm, H: 100 mm, D: 22 mm.
- Weight: 222 g.
- Power Consumption: < 22 W.

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