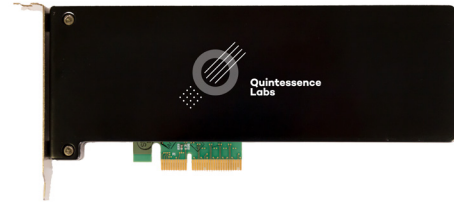




SPECIFICATIONS

qStream™ 100

PCIe card quantum random number generator
qStream™ 200 appliance also available



Configuration	<p>PCIe Card Module</p> <ul style="list-style-type: none"> • Half-height/half-length form factor • Width: 6.43 cm (2.53") • Length: 16.94 cm (6.67") • Height (Thickness): 1.35 cm (0.53") • Weight: 22 kg (48.50 lbs)
Performance	<ul style="list-style-type: none"> • 8 Gbit/sec quantum entropy source • Outputs: <ul style="list-style-type: none"> 1 Gbit/sec conditioned entropy (QRNG) 1 Gbit/sec unconditioned entropy
Operations	<ul style="list-style-type: none"> • Raw and conditioned entropy; TRNG output (via DMA transfer)
Standards & Interoperability	<ul style="list-style-type: none"> • Meets all requirements of NIST SP 800-90A, 90B and 90C (draft) standards for Non-Deterministic Random Bit Generators • Satisfies NIST SP 800-22 (NIST STS) and Dieharder tests