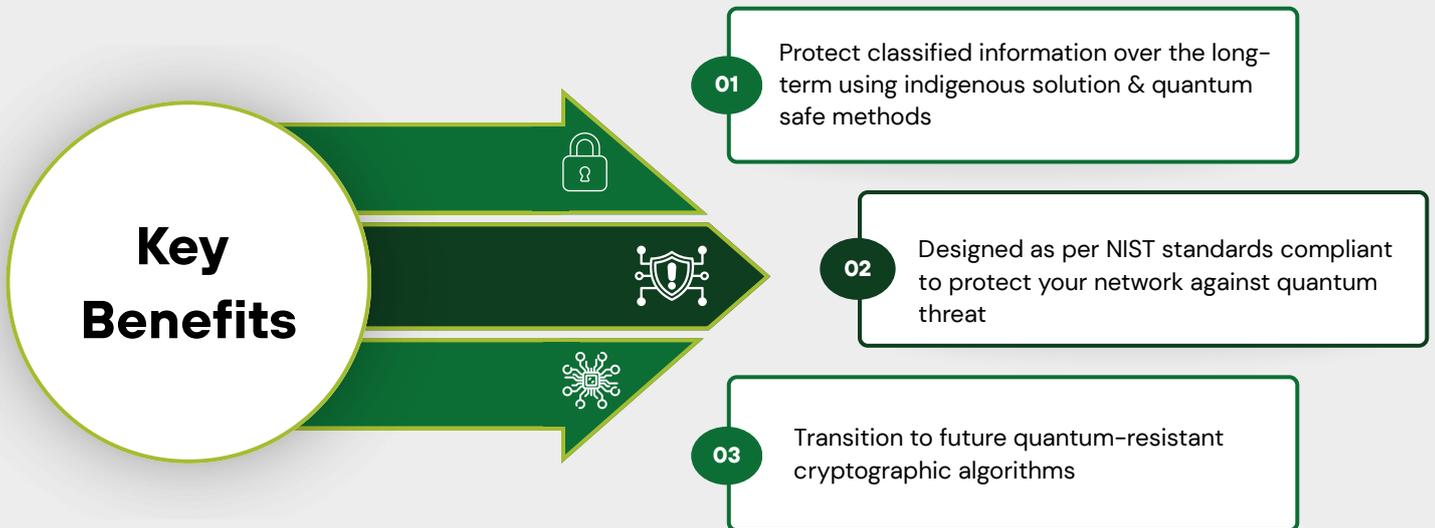




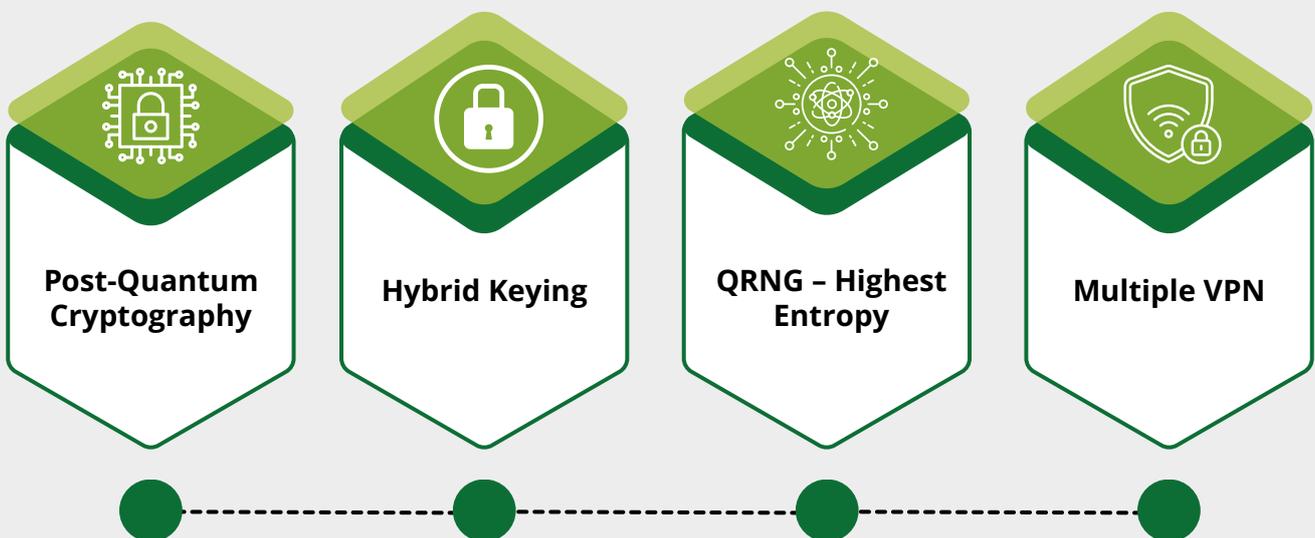
Q-Line



In parallel to development of quantum computer, powerful groups have already started recording network communication with intent to decrypt later. Mitigating quantum risk & maintaining confidentiality of today's information for long term requires transition to quantum safe technologies. The Q-Line is designed for organizations looking to protect classified communications against long-term eavesdropping.



CORE FEATURES





PLATFORM

CPU	Intel® Atom® C3000 (Denverton) 14nm, 16 cores
Chipset	SoC
BIOS	AMI SPI Flash BIOS
Memory Technology	DDR4 2400/2133/1866MHz ECC DIMM
Memory Capacity	64GB SSD
Memory Socket	2 x 260-pin SODIMM
I/O	
Ethernet Ports	4 x GbE RJ45 Intel® SoC Integrated MAC 2 x GbE RJ45 Intel® i350 and 2 x GbE SFP Intel® i350
Security acceleration	Intel® QuickAssist Technology
TPM	TPM 2.0

POWER AND MECHANICAL

CPU	1 x DC Jack
Type/Watt	36W or 60W Power Adapter
Reset	1 x reset button
Processor cooling	Passive CPU Heatsink
System cooling	1 x Cooling Fan

PHYSICAL AND ENVIRONMENTAL

Storage temperature	-20°C to 70°C
Operating temperature	0°C to 40°C
Operating humidity	5% to 95% (non-condensing)
Dimensions (W x H x D)	231 mm x 44 mm x 200 mm (9.09" x 1.73" x 7.87")
Weight	1.2 kg (2.64 lbs)
Internal RTC	Yes

ENGINEERED FOR A QUANTUM-RESILIENT FUTURE



Stay Connected

 +92 51 8852886

 info@quantumtronics.com

 +92 335 7826886

 107, First Floor, Evacuee Trust Complex, Agha Khan Road, F-5/1, Islamabad