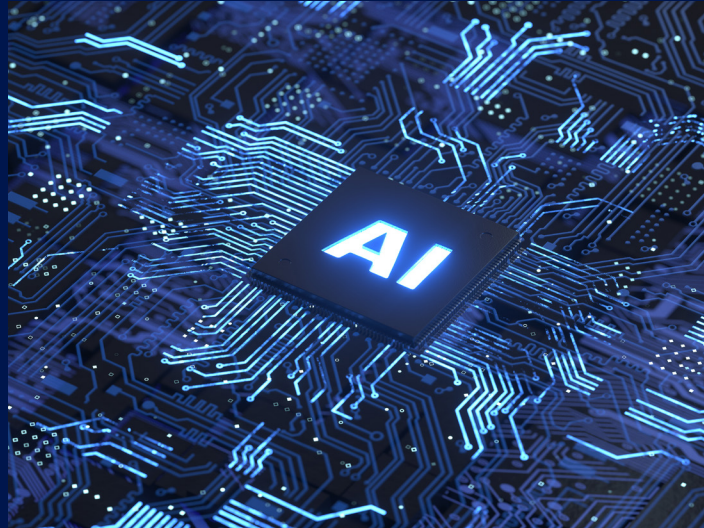


Scalable Intel® Xeon® 6 Edge Platform for Security and AI Workloads



Tenerife

Secure, AI-Ready Edge Performance in a Compact 1U

Enterprises deploying security, WAN optimization, and AI-driven services at the network edge face a hard tradeoff: data-center-class performance rarely fits the space, power, and latency constraints of edge and branch environments. The [Tenerife](#) Networking Appliance Series resolves this. Built on the Intel® Xeon® 6 SoC HCC processor and scaling from 12 to 42 cores, Tenerife delivers server-grade compute in a compact, short-depth 1U chassis purpose-built for edge, core, and hybrid deployments.

Integrated Intel® QuickAssist Technology Gen 5 offloads encryption, compression, and decompression at up to 200GB throughput, freeing CPU cycles for application workloads, while built-in AI acceleration and Intel® Deep Learning Boost enable real-time inference at the edge. Up to 200Gbps of front-panel connectivity, DDR5 memory, dual PCIe Gen 5 slots, TPM 2.0 secure boot, and redundant 1100W power round out a secure, resilient platform. Tenerife's differentiator: consolidated compute, cryptographic offload, and AI into one future-ready appliance.



Key Features



Server-Class
Compute



Integrated
Crypto Offload



AI
Acceleration



Secure &
Reliable

intel ai

Intel® AI Edge Systems

Intel Products & Technologies



[Intel® Xeon® 6
Processor](#)



[Intel®
Ethernet](#)



[OpenVINO™
Toolkit](#)

[Intel® QuickAssist
Technology](#)

[Intel® Deep
Learning Boost](#)

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