



VENA & VECTA Edge Hardware Devices – Brief Technical Sheet

VENA and VECTA are ATOMNIA universal CPE edge appliances built to run the OMNIA SD-WAN, SASE, encryption and XDR stack on a single low-power platform. They are available in multiple performance tiers to support everything from small branch sites to higher-throughput hub and core environments.

Core platform

Universal CPE architecture for running multiple virtualised network and security functions on one device.

Supports OMNIA components including SD-WAN, SASE, zero-trust access, data assurance encryption, remote access, XDR, SD-WAN Cloud and secure IoT connectivity.

Available in desktop or rack-mounted formats, with single-device or high-availability deployment options.

Designed to reduce hardware sprawl, lower power usage and support sustainability goals.

Connectivity & resilience

Multiple WAN and LAN interface options depending on model and size.

Integrated Wi-Fi capability for local wireless edge connectivity.

12V DC input option to support operation during power disruption scenarios.

VENA

Compact virtual edge appliance designed for branches, retail, SME and remote office environments.

Desktop form factor with optional rack-mount capability.

Intel x86-based platform with multi-core architecture for concurrent SD-WAN, security and encryption services.

Best suited to sites that need full OMNIA functionality in a space-efficient, low-power footprint.

VECTA

Higher-performance virtual edge core appliance for headquarters, hubs, data centres and large campus deployments.

1RU rack-mounted platform built for higher throughput and greater VNF density.

Flexible connectivity with up to 14 physical network interfaces, including 1 GbE and 10 GbE options.

Supports integration of a usable 20-port switch within the chassis to reduce external hardware requirements.

Powered By

ATOMNIA

Connection Protection Detection



Redundant power supply and support for resilient high-availability designs.

Operational benefits

Consolidates networking, security and Layer 2/3/4 encryption into a single edge platform.

Reduces appliance count, management complexity and infrastructure overhead.

Delivers a consistent OMNIA deployment model from small branches through to large core sites.

Available as a service to support Opex-led consumption models instead of upfront hardware investment.