

SIGMA Enterprise

SIGMA
ECOSYSTEM

SIGMA Enterprise delivers a high-performance, AI-enabled edge platform built for large-scale, complex environments requiring advanced automation, virtualization, and intelligence at the edge. It combines enterprise-grade SD-WAN, edge AI, and cloud-native orchestration to enable real-time decision-making and seamless operations across global infrastructures.



Blended Edge AI Engine

- AI-powered traffic steering based on performance, latency, and cost
- Real-time bandwidth optimization and QoS enforcement
- Automated decision-making across WAN paths



Advanced Edge Orchestration

- Centralized deployment across thousands of nodes
- Policy-driven lifecycle management
- Zero-touch provisioning and OTA updates



Virtualized Edge Compute

- Run 3rd-party VMs and containerized applications
- Enable AI/ML, IoT, and analytics workloads at the edge
- Support for app marketplace (e.g., video, computer vision, cybersecurity)



Full Edge Intelligence Stack

- Real-time dashboards
- Predictive insights
- Event-triggered automation



Enterprise Security Architecture

- Zero Trust access controls
- Data encryption and secure boot
- Integrated SASE framework



Flexible Connectivity

Supports both copper 1Gbit Ethernet and 10Gbit fibre SFP+ interfaces for versatile networking options.



Dashboard

 You are Online •  220.81 Mbps •  35.45 Mbps 

 Dashboard

 Staff & Crew Config

 Reports

 Support

Serial Number
023456789

Version
SIGMA 1234567

Site Name
Awesome Name

 Terminal Status  Connected (4)

Terminal Name	Status	 Download	 Upload
Terminal #1	 Online	1.25 Mbps	625.86 Kbps
Terminal #2	 Online	946.08 Kbps	623.97 Kbps
Terminal #3	 Online	946.08 Kbps	1.15 Mbps
Terminal #4	 Online	484.37 Kbps	895.57 Kbps
Terminal #5	 Offline	-	-
Terminal #6	 Offline	-	-

 Network Interface Status 

Port #	Status
1	 Connected
2	 Connected
3	 Connected
4	 Connected
5	 Disconnected
6	 Disconnected

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Product Specifications

The Lanner 1516A offers server grade hardware operating market leading multipath* and Speedcast proprietary apps.

* Gartner Magic Quadrant Leader – SD-WAN 2025



LANNER NCA-1516A

Dimensions	231 x 200 x 44 mm (9 x 7.87 x 1.7 in)
Weight	1.2 kg (2.64 lbs)
Processor	16 Core Intel(R) Atom C3958 CPU
System Memory	64GB RAM
Technology	1 TB
Ethernet Ports	6x GbE RJ45 / 2x 10GbE SFP+

Installation	Rack Mount
PSU	Dual
Power Rating	60W 5A/12V PSU
Cooling	Dual Cooling Fans
Temperature	0-40°C Operating
Humidity (RH)	5-90% Operating

Enterprise-grade Multi-path Ready (up to 1Gb/s)

- ✓ Quality of Service (QoS) based link switching
- ✓ L3/L4/L7 Next-generation Firewall plus filtering
- ✓ Application Steering

Key Features

- ✓ Multi-path SD-WAN (>1Gbps capability)
- ✓ AI-driven traffic steering
- ✓ Edge compute and VM support
- ✓ Advanced cybersecurity (Zero Trust)
- ✓ Central orchestration and automation
- ✓ Real-time analytics and insights

Speedcast Apps

- ✓ Crew Experience
- ✓ Simultaneous voice calls
- ✓ Secure Out of Band Management incl. CLI Tool Suite
- ✓ Additional Speedcast Apps as available
- ✓ 3rd Party Virtual Machines (VM) supported with Software Defined Platform (SDP)

