EdgeFit 2

Flexible Network Management

kognitive NETWORKS

EdgeFit is a compact and versatile network connectivity appliance tailored for the demanding conditions of industrial settings and compact network environments alike. This streamlined edge platform delivers enhanced management efficiency and is ideally suited for a broad spectrum of applications, from urban and rural areas to maritime and agricultural operations.

With native support for Starlink and leveraging the full capabilities of Kognitive Networks' EdgeOS, EdgeFit offers a comprehensive set of SD-WAN features, including advanced security, content filtering, quality of service, remote access, and bandwidth bonding.

Compact Network Connectivity Appliance

- ✓ Seamlessly integrates as a complement or cornerstone of any connectivity setup.
- ✓ Provides managed connectivity across diverse and complex environments.
- ✓ Ensures secure and reliable network operations.
- ✓ Suitable for enhancing existing frameworks or establishing new deployments.
- ✓ Robust feature set caters to the edge of network operations.
- ✓ Ensures optimal performance and reliability in challenging conditions.

Network Capabilities Tailored to Your Needs

Cloud-Managed with Real-Time Insights

Simple and intuitive user interface with real-time metering and analytics.

Advanced Routing and Bandwidth Bonding

Ensures uninterrupted connectivity by seamlessly combining and controlling WAN sources.

Comprehensive Security Features

Protects network integrity with Deep Packet Inspection (DPI), Traffic Policies, and VPN.

Designed for Expansion

Industrial Strength in a Compact Size

Features a high-performance, fanless aluminum case in a compact size (4.4" x 3.4" x 1.4"), suitable for a variety of environments.

Versatile Connectivity

Supports up to 5x WAN sources. 2x GE ports, with additional expansion options.

Software-First Approach

Powered by the Kognitive Cloud platform to deliver flexible solutions for network management, controllable and reconfigurable from anywhere.

Wireless Aware

Optimized for wireless connectivity with cellular and multi-orbit satellite support, including turnkey solutions for Starlink installation and monitoring

www.kognitive.net

Integrated Workflow Compatibility

Edge Applications

- Intuitive System Management locally or from the Cloud
- Cloud Service Portal for fleet management
- Mobile App Management

Advanced Quality of Service

- Deep Packet Inspection (DPI) with Application, Domain, and IP filtering
- Rate, Quota, Priority management
- One-click client/group management
- Priority / Shaping / Blocking

Local Area Network Management

- Connected and Routed Networks
- LAN, DHCP, DNS, Bonjour/M-DNS
- Quality of Service (QoS) and Traffic Management by App, Device, or Group

Software Defined Wide Area Network

- WAN Link Priority and Bonding
- Lossless Advance Bonding
- Point of Presence (PoP) Dropoff with USA Internet
- VPN Services

kognitive E D G E

SD-WAN for the Kognitive Networks platform with support for Kognitive Hub and Kognitive Cloud.

WAN Management	Supports up to 5x WAN sources
Ethernet	2x GE ports, additional 4x GE ports using USB expansion
Network Configurability	Up to 300 Clients, 15 VLAN Networks; Stateful Firewall
Compute Power	Intel x86 Atom or Celeron class processor; 8 GB RAM, 120 GB storage
Expansion	2x USB 3.0 ports – 5G modem adapter supported / 2x USB 2.0 ports
Cooling	Passive, Fanless – Silent
Mounting	Standalone / Universal / DIN mount kit available
Power	+12VDC (30W Max); 100-240 VAC, 50-60 Hz (AC/DC Power Supply Included)
Physical	4.4" x 3.4" x 1.4" / 111 x 85 x 35 mm – 2.25 lbs / 1 kg
Environmental	Operating temp: -10 to +50 C; Humidity up to 95%, non-condensing
Warranty	1 year limited