

FlexRouter

Cost-effective branch Router/Firewall for secure and scalable Internet connectivity

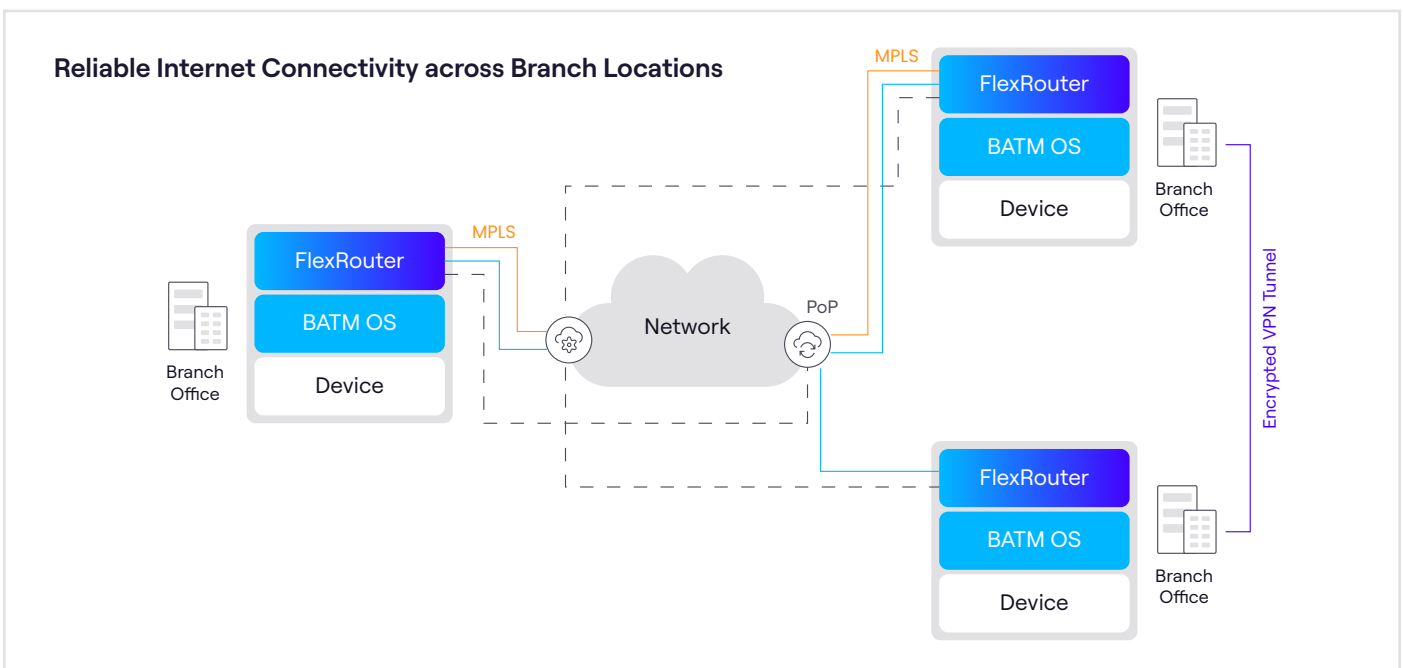
Reliable Layer-3 Edge Connectivity

FlexRouter is a Router/Firewall for branch and edge deployments, providing IPv4/IPv6 routing, L3/L4 firewalling, VPN connectivity, and high availability in a single device.

Designed for reliable Internet access and secure site-to-site connectivity, FlexRouter supports up to 1 Gbps throughput with advanced traffic management and redundancy features.

Key Benefits

- ✓ **Compact Edge Router / Firewall:** Slim form factor combining Layer-3 routing and L3/L4 firewalling for branch and edge deployments.
- ✓ **Cost-Efficient Routing:** Delivers advanced routing and firewall capabilities without the complexity of multi-device architectures.
- ✓ **Advanced Routing Protocols:** Supports static and dynamic routing with flexible addressing schemes for resilient connectivity.
- ✓ **Stateful L3/L4 Firewall Security:** Stateful packet filtering with granular L3/L4 rules to control traffic at the network edge.
- ✓ **High-Performance Connectivity:** Supports up to 1 Gbps throughput for reliable and consistent network performance.



FlexRouter Hardware

Validated hardware profiles for branch and edge routing deployments, supporting wired, fiber, and wireless WAN access.



Armortec NC-GM4M



Silicom Ibiza



Armortec NC-C632D

Category	Small Device	Medium Device	Large Device
	Armortec NC-GM4M	Silicom Ibiza	Armortec NC-C632D
Form Factor	Fanless appliance	Fanless appliance with integrated antennas	Fanless appliance
CPU	Intel® Celeron® J4125 (4 cores)	Intel® Atom® x7405C (4 cores)	Intel® Atom® C3558 (4 cores)
Memory	8 GB	8 GB	8 GB
Storage	64 GB	64 GB	64 GB
Ethernet Interfaces	4 × 1 Gbps RJ45	4 × 2.5 Gbps RJ45	6 × 1 Gbps RJ45
Fiber Interfaces	-	1 × 1 Gbps SFP cage	2 × 10 Gbps SFP+ cages
Console Port	1 × RJ45	-	1 × RJ45
USB / Video	2 × USB, 1 × VGA	-	2 × USB, 1 × VGA
Expansion Slots	1 × Mini-PCIe	1 × PCIe	1 × Mini-PCIe
LTE Support	-	Up to 2 × 4G LTE dual-SIM radio cards (optional)	Via Mini-PCIe (optional)
5G Support	-	Up to 2 × 5G sub-6 dual-SIM radio cards (optional)	Via Mini-PCIe (optional)
Wi-Fi Support	-	Wi-Fi AP / client card (optional)	-
SIM Support	-	Integrated (per radio module)	External SIM expansion slot
Primary Use Case	Basic wired branch	Multi-access branch with wireless WAN	High-throughput edge / aggregation

Features & Capabilities

Routing	Addressing	VPN
IPv4/IPv6 static routing	802.1Q VLAN	IPSec
IPv4/IPv6 dynamic routing:	802.1ad (Q-in-Q)	P2P
- BGP	NAT	- OpenVPN
- OSPF	- IPv4/IPv6	- Wireguard
- RIP	- DNAT/SNAT	- PPPoE
Multiple VRFs:	- DHCP/DHCPv6	- L2TP
- IPv4/IPv6 static routing	- Server per interface	GRE
- IPv4/IPv6 dynamic routing	- Client and relay	STATEFUL FIREWALL
- Redistribution	- Static/dynamic leases	Stateful filtering
- BGP → OSPF	DNS	Source and destination NAT
- OSPF → BGP	ADVANCED ROUTING	NAT helpers (H323, pptp, quake3, sip, ftp, irc, tftp)
- IPv4 → IPv6	Load Balancing	Filter by:
- IPv6 → IPv4	High Availability	- L3/L4 filtering
- 802.1Q VLAN tag	- Link bonding	- SRC/DST IP address
PBR	- Link monitoring (ARP, MII)	- SRC/DST IP address range
Redistribution	- VRRPv2, VRRPv3	- SRC/DST Port number
- BGP → OSPF	- BFD	- SRC/DST Port number range
- OSPF → BGP	Quality of Service	- IP protocol
- IPv4 → IPv6	- HTB	- DSCP
- IPv6 → IPv4	- CIR	- Gateway
Multicast	- MIR	- Queue
- IGMP Snooping	- L3 flow classification	Address lists
- IGMP Proxy	- Multiple queues per port	IPv6 support
Per connection	Traffic Shaping	
- Firewall marking	- Ingress	
- ECMP (Equal Cost Multi-Path)	- Egress	
- PCC (Per Connection Classifier)	- Hierarchical	
- OSPF	Access Control	
- BGP	- Access control list	
Per Packet	RADIUS: Authentication, Accounting	
- Firewall marking		
- Link bonding		
Route failover		

BATM enables enterprises, communications service providers, and system integrators to build and operate resilient, secure, and flexible networks across distributed environments.

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