MSP Barracuda
Your journey, secured.

DATASHEET

Barracuda SecureEdge

The SASE platform for MSPs that's easy to deploy and use

A simple yet powerful, cloud-delivered, multi-tenant firewall that combines next generation network security and web security in a single solution. Its zero-touch deployment and centralized web management portal makes it easy for MSPs to secure customers' expanding network, without compromise.

Protecting the expanded network

Hybrid workforce, direct-to-app architectures, and cloud migration has created new security requirements that go beyond the traditional on-premises network security needs. Secure customers' distributed network with the purpose-built Barracuda SecureEdge platform, a multi-tenant, SASE solution featuring next generation firewall, secure SD-WAN, and built-in advanced web security that is easy to deploy and use.

Optimized connectivity, anytime, and anywhere

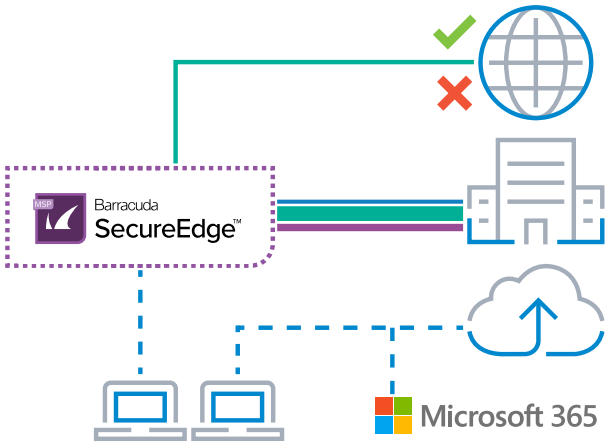
Ensure remote users' experience the best possible latency and bandwidth to access cloud-hosted applications. With SecureEdge, every site device is optimized, effectively expanding the benefits of SD-WAN to sites with single uplinks to remote users.

Expand your business

Like all Barracuda MSP offerings, Barracuda SecureEdge is available on an affordable monthly fixed-price basis. This extends the Barracuda MSP difference; helping MSPs expand security service offerings and revenue potential with no added complexity or capital cost.

Zero-touch management

With the Barracuda SecureEdge Manager, the cloud-based management portal, MSPs can deploy and manage Barracuda SecureEdge site devices without any onsite visits. Barracuda SecureEdge Manager allows MSPs to easily deploy a site device via its out-of-the-box configurations, gain access to all the information about security deployments in real time, and easily generate reports on one or all Barracuda SecureEdge site devices.



Barracuda SecureEdge Feature Highlights

General & central management

- All features centrally managed via cloud-based SecureEdge Manager
- Available management languages: English, French, Japanese
- Azure AD support for user-based operation
- Zero-touch deployment for site devices
- Self-provisioning (onboarding) for SecureEdge Access Agent
- Easy-to-setup high availability deployments
- Multi-tenant capabilities
- Multiple workspaces per tenant

Site security

- Stateful packet inspection and forwarding
- Site-specific ACLs
- Service-specific ACLs
- User-identity awareness
- IDS/IPS
- Ingress NAT
- Application control and granular application enforcement
- Interception and inspection of SSL/TLS encrypted applications
- ATP, IPS, application control, and web filtering in single pass mode
- DHCP Server
- Dynamic and static routes
- Network bridge
- VLAN support
- Custom forwarded domains

Connectivity & SD-WAN

- Zero-touch deployment for site devices
- Zero-touch self-enrollment for Security Access Agent
- Automatic SD-WAN policies for hundreds of apps
- Optimized direct internet uplink selection
- Internet uplink optimization (forward error correction) for site devices and clients
- Simultaneous use of multiple uplinks (up to 16 transports) per SD-WAN connection
- Dynamic bandwidth detection
- Performance-based transport selection
- Application-aware traffic routing
- Adaptive session balancing across multiple uplinks
- Application-aware traffic routing
- Adaptive session balancing across multiple uplinks
- Application-based provider selection
- Provider pinning
- Uplink health check
- Uplink types supported:
  - Dynamic
  - Static
  - Express route
  - Bridge
  - WWAN (LTE modem)
  - PPPoE
- Encryption protocols: IPsec v2, TINA
- Point-to-Site user connectivity (VPN)

Web security and secure internet access

Content filtering

- SSL/TLS inspection
- URL filtering by category, custom category, and domain
- Safe search enforcement
- Ad-blocking
- Application control and blocking for thousands of common web apps

Advanced policy creation

- Customizable default policy for all users and sites
- User, group, network, and site policy exceptions
- Custom categories and block pages
- Policies:
  - Block
  - Allow
  - Warn
  - Notify

Advanced Threat Protection

- Integration with Barracuda Advanced Threat Protection (ATP) service
- Protection against:
  - Ransomware
  - Advanced persistent threats
  - Polymorphic viruses
  - Zero-hour malware

Web monitoring

- Social media monitoring
- Custom keyword monitoring
- Alerts on:
  - Suspicious keywords
  - Cyber-bullying keywords
  - Terrorism keywords

Reporting and visibility

- Custom dashboards with detail widgets for:
  - Advanced Threat Protection
  - Appliance configuration status
  - Application risk
  - Geo destinations, geo sources
  - IPS incidents
  - Device status
  - SD-WAN map
  - Recent events
  - Top allowed/blocked (users, apps, URL, domain)
  - SD-WAN tunnel status
- Live connections: traffic visibility with advanced filtering
- Recent connections: historical session traffic visibility for every site with advanced filtering for quick troubleshooting
- Firewall Report Creator (included) for unlimited custom reports across multiple sites
- Integration with Barracuda XDR
- Integration with Azure Log analytics for all site devices

SecureEdge Access Agent

OS	WINDOWS	macOS	ANDROID	iOS / iPadOS	LINUX
Supported OS versions	Windows 10 Windows 11	macOS 11 (Big Sur) macOS 12 (Monterey) macOS 13 (Ventura)	Android 10 (or later)	iOS/iPadOS 15 iOS/iPadOS 16	Current Ubuntu and Fedora distributions
Self-provisioning	✓	✓	✓	✓	✓
Client health enforcement	✓	✓	✓	✓	✓
App support	HTTP/HTTPS & TCP/UDP	HTTP/HTTPS & TCP/UDP	HTTP/HTTPS & TCP/UDP	HTTP/HTTPS & TCP/UDP	HTTP/HTTPS & TCP/UDP
Last-mile optimization	✓	✓	✓	✓	✓
URL filtering	✓	✓	✓	✓	✓
Selective security inspection	✓	✓	✓	✓	✓
Max. concurrent devices/user	5 devices per user (across all platforms)				

SecureEdge site devices

	HARDWARE SITE DEVICES									VIRTUAL SITE DEVICES				
	DESKTOP		1U RACK MOUNT			DIN RAIL COMPATIBLE								
	T100B	T200C	T400C	T600D	T900B	FSC2	FSC3	T93A	T193A	VT100	VT500	VT1500	VT3000	VT5000
RECOMMENDED NUMBER OF USERS (PLEASE REFER TO SPECIFICATION BROCHURE FOR DETAILED PERFORMANCE INFORMATION)														
Threat protection	50-100	150-300	300-1,000	1,000-4,000	6,000-9,000	n/a	n/a	50-100	150-300	50-100	150-300	300-1,000	1,000-4,000	6,000-9,000
Web security only	300	1,000	5,000	10,000	20,000	n/a	n/a	100	150	300	1,000	5,000	10,000	20,000
HARDWARE (PLEASE REFER TO SPECIFICATION BROCHURE FOR DETAILED HARDWARE INFORMATION)														
Rugged hardware version	-	-	-	-	-	-	✓[1]	✓[2]	✓[2]	-	-	-	-	-
Licensed vCPUs (virtual)	-	-	-	-	-	-	-	-	-	2	4	8	10	up to 32
Copper NICs (1 GbE)	5x	12x	8x	10x	8x	4x	4x	2x	5x	-	-	-	-	-
Fiber NICs (SFP) (1 GbE)	-	4x	-	8x	8x	-	-	1x	2x	-	-	-	-	-
Fiber NICs (SFP+) (10 GbE)	-	-	2x	2x	4x	-	-	-	-	-	-	-	-	-
Fiber NICs (QSFP+) (40 GbE)	-	-	-	-	2x	-	-	-	-	-	-	-	-	-
Virtual NICs	-	-	-	-	-	-	-	-	-	5-16x	5-16x	5-16x	5-16x	5-16x
WiFi (AP / Client)	-	-	-	-	-	✓[3]	✓[5]	-	-	-	-	-	-	-
GSM / UTMS	-	-	-	-	-	✓[4]	✓[6]	-	-	-	-	-	-	-
4G / LTE	-	-	-	-	-	✓[4]	✓[6]	-	-	-	-	-	-	-

1—Fanless site devices with extended operating temperature range (-4 to +158 °F) purpose-built for harsh environments.
2—Fanless site devices with extended operating temperature range (-40 to +167 °F) purpose-built for harsh environments
3—Sub-models FSC21 and FSC25.
4 —Sub-models FSC24 and FSC25.
5—Sub-models FSC31 and FSC35.
6 —Sub-models FSC34 and FSC35.

MSP Barracuda
Your journey, secured.

About Barracuda MSP

As the MSP-dedicated business unit of Barracuda Networks, Barracuda MSP enables IT managed service providers to offer multi-layered security and data protection services to their customers through our award-winning products and purpose-built MSP management platforms. Barracuda MSP's partners-first approach focuses on providing enablement resources, channel expertise, and robust, scalable MSP solutions designed around the way managed service providers create solutions and do business. Visit barracudamsp.com for additional information.
@BarracudaMSP | LinkedIn: BarracudaMSP | blog.barracudamsp.com

617.948.5300 | 800.569.0155 | sales@barracudamsp.com