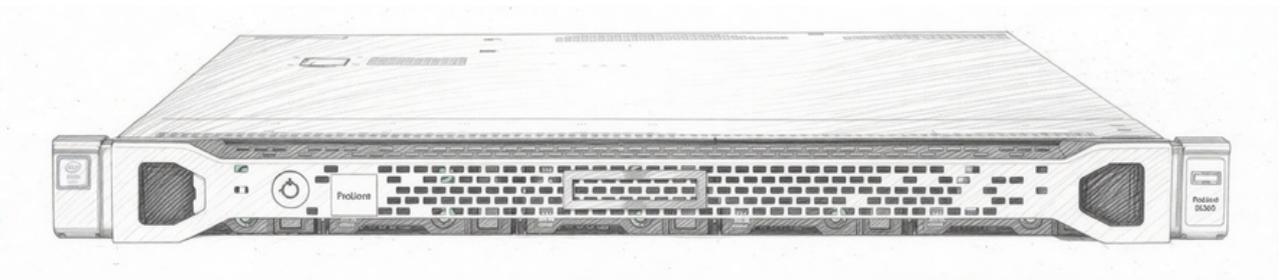# HPE Application Delivery Controller

Fast. Scalable. Reliable. Application Delivery.

Enterprise-grade Layer 4–7 load balancing with advanced traffic management, security, and performance optimisation, built on HPE ProLiant infrastructure.

> **Why settle for moving traffic, when you can deliver it with HPE performance and Edgenexus precision?**

Built for performance. Designed for simplicity.

The HPE Application Delivery Controller, powered by Edgenexus EdgeADC technology, combines high-performance HPE hardware with intelligent, easy-to-use load balancing.

From SMEs to global enterprises, it ensures your applications are always available, always secure, and always performing at their best.

✓ **Layer 4 & Layer 7 Load Balancing**
Deliver intelligent traffic distribution across both network and application layers, ensuring optimal performance and availability.

✓ **Global Server Load Balancing (GSLB)**
Distribute traffic across multiple data centres with geo-awareness and failover for true resilience.

✓ **High Availability & Clustering**
Active-active and active-passive modes with instant clustering to eliminate single points of failure.

The best of both worlds

The partnership between HPE and Edgenexus brings together:

HPE's world-class hardware and global support

Edgenexus' powerful, easy-to-use ADC software

Hewlett Packard Enterprise

Edgenexus

HPE provides the hardware reliability, global support, and enterprise infrastructure, while Edgenexus delivers advanced application delivery capabilities and ease of use. Together, they create a platform that balances performance, resilience, and operational simplicity.

Everything you need.
Nothing you don't.

Get up and running in minutes with powerful features designed for simplicity and control.

At its core, the HPE EdgeADC ensures that application traffic is always delivered efficiently and reliably. Traffic is intelligently distributed across servers using a range of load balancing methods, while built-in health monitoring continuously checks availability and automatically removes failed nodes from service. For environments where downtime is not an option, the platform supports both active-active and active-passive high availability, along with clustering and cross-site resilience. This means applications remain available, even during failures, spikes in demand, or infrastructure changes.

Features

- Unprecedented Ease of Use
- Web Acceleration
- Automatic Configuration
- Compression & Caching
- Instant Clustering
- Server Health Checking

- Layer 4/7 Load Balancing
- Global Server Load Balancing
- Pre-Authentication & SSO
- Reverse Proxy
- SSL Offload & Re-encryption
- Web Application Firewall (WAF)

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Deploy anywhere.
Scale everywhere.

The HPE EdgeADC is designed to fit seamlessly into existing infrastructure. It can be deployed on HPE ProLiant servers, with installation available via ISO using USB or remotely through HPE iLO.   Whether running on physical hardware, virtual environments, or hybrid architectures, the platform adapts to your deployment model without requiring redesign.

- Runs on HPE ProLiant servers
- Remote installation supported
- Works across hybrid environments
- Rapid setup (minutes, not hours)

Powerful doesn't have to be complicated

Despite its depth of functionality, the platform is designed for simplicity. Configuration, monitoring, and ongoing management are handled through a secure web-based GUI, supported by real-time statistics, alerting, and automation features. This allows both technical and operational teams to manage application delivery without needing specialist skills or complex tooling.

Operational Simplicity
- Secure web-based GUI
- Drag-and-drop configuration
- Auto-complete and configuration templates
- Real-time statistics and monitoring

Management & Integration
- SNMP (v1, v2, v3)
- CLI access
- Email alerting and logging
- API integration via EdgeOS

HPE EdgeADC Models: Technical Specifications

Tech Specs	HPE DL360	HPE DL360	HPE DL380	HPE DL380
Chassis	1U Half Depth	1U Full Depth	1U Full Depth	1U Full Depth
CPU Cores	4	6	8	12
Hyper Threading	Yes	Yes	Yes	Yes
Threads	8	12	16	24
Processor Base Frequency	3 GHz	3.40 GHz	3.20 GHz	3.00 GHz
Max Turbo Frequency	3.50 GHz	3.70 GHz	3.60 GHz	3.50 GHz
Cache	15 MB SmartCache	20 MB SmartCache	25 MB SmartCache	30 MB SmartCache
Memory	8 GB	16 GB	16 GB	16 GB – 384 GB
Network Interface	2 × 1 GbE	4 × 1 GbE	4 × 1 GbE & 2 × 10 GbE	4 × 1 GbE & 2 × 10 GbE
Storage	80 GB SSD	120 GB SSD	120 GB SSD	180 GB SSD
Power Consumption	70W Peak	148W Peak	148W Peak	148W Peak
Power Redundancy	No	Yes	Yes	Yes
Max Throughput	3 Gbps	6 Gbps	10 Gbps	20 Gbps
Layer 7 – HTTP RPS	253K approx	1.3M approx	2.1M approx	4M approx
SSL Transactions Per Second*	3k tps approx	6k tps approx	11k tps approx	14k tps approx

Why Edgenexus

Powerful. Reliable. Effortless.

✓ Best-of-breed integrated solution

✓ Built on trusted HPE infrastructure

✓ Designed for mission-critical applications

✓ No coding required

✓ Fast deployment and configuration

1 Web Application Firewall (WAF)

- Protection against OWASP Top 10 threats
- Configurable policies and rule sets

2 Authentication & Access Control

- See exLDAP, SAML, RADIUS, ADFS support
- Pre-authentication and Single Sign-On (SSO)
- Custom login forms and access workflows

3 SSL/TLS Processing

- SSL offload, passthrough, and re-encryption
- TLS 1.2 / 1.3 support
- Server Name Indication (SNI)
- Certificate management (CSR, import/export, chaining)

4 Connection Handling

- Connection pooling and multiplexing
- Rate limiting and traffic shaping
- Configurable "server too busy" handling

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Ready for stress-free application delivery?

Deliver applications faster, safer, and smarter with the HPE Application Delivery Controller powered by Edgenexus.

There's only one way to find out: take Edgenexus for a spin.

Scan the QR code to get started or visit: edgenexus.io

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