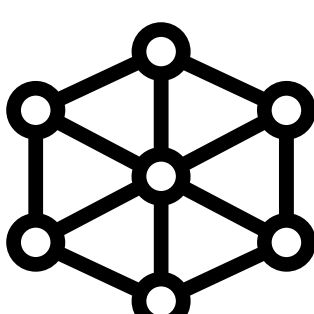




Edge computing evaluation: a self-check guide for IT leaders

Are you edge ready?

Edge computing is expanding fast — by 2027, 1 in 4 servers will be deployed at the edge. But edge readiness isn't a simple yes or no. It's about matching the right workloads with the right infrastructure, identifying where edge can deliver real value, and having the tools to operate reliably at scale.




This quick self-check will help you assess both your fit for edge computing and your readiness to support it — so you can scale with confidence, avoid complexity, and focus on results.

Start here: your edge self-check

1.

Workload suitability



Do you run latency-sensitive workloads or rely on real-time data to make decisions?

Yes


Edge can help you improve responsiveness, reduce lag, and bring insight closer to the point of action.

No

You may not need edge for performance immediately, but it could still support local processing or future workload expansion.

2.

Security & compliance



Are your edge environments protected —both digitally and physically?

Yes


You're positioned to scale edge deployments with greater confidence.

No

Consider tools with built-in security and remote oversight to reduce risk and support growth.

3.

Infrastructure & AI readiness



Can your infrastructure support distributed compute and AI at the edge?

Yes


You can run advanced workloads closer to where data is generated — enabling faster insights and automation.

No

Look into compact, AI-ready servers and edge-native platforms that can support evolving demands.

4.

Operational scalability



Can your team deploy, manage, and troubleshoot remote edge environments at scale?

Yes

You're set up for sustainable edge operations with minimal on-site support.

No

Centralized management tools can help simplify and streamline edge operations across locations.

What your score tells you

0-1

Yes

You're just getting started — consider foundational planning and use case discovery.

2-3

Yes

You're on your way — identify key gaps and focus areas to support growth.

4

Yes

You're well-positioned to scale your edge strategy with confidence.

How industries are advancing at the edge

Industry	Result
Retail	Reducing loss and enhancing customer experiences with AI-powered video analytics
Manufacturing	Boosting productivity through predictive maintenance and quality assurance
Healthcare	Improving diagnosis and care with real-time data and AI-driven analysis
Logistics	Smarter delivery routes with real-time fleet optimization



How HPE can help

HPE ProLiant DL145 Gen11

Compact and rugged, this AI-ready server is purpose-built to deliver powerful performance in space-constrained, edge environments.

HPE Compute Ops Management

A cloud-native platform that simplifies infrastructure management across locations with centralized visibility and automation.

HPE iLO 6

Enables secure, remote server management with faster updates, deeper telemetry, and advanced zero trust security features.

Your edge strategy starts here. Whether you're just starting or scaling your edge operations, we're here to help [build your edge strategy](#)

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