

Lumen® Edge Bare Metal

Deploy next-gen apps closer to the action.

As modern workloads requiring high bandwidth and low latency become more distributed across your environment for real-time data processing and storage, they increasingly need to be managed for optimal efficiency, security and performance. Enter Edge Bare Metal, the next evolution in cloud computing with dedicated, on-demand and pay-as-you-go server hardware hosted in distributed locations, so you can deploy next-gen apps closer to the action.

Improve control

Tailor your operating system, configuration sizes and pricing model to how you run your compute-intensive applications like databases, analytics and grid computing that require consistent performance.

Enhance security and connectivity

Dedicated physical servers offer maximum performance and secure, single tenancy to isolate and protect data with user-defined firewall policies, local storage and our high performance network.

Maximize performance

Run apps and data via edge market nodes designed for 5ms or better latency over our global fiber network and turn bare metal servers on and off as needed with pay-as-you-go flexibility.



Bare metal servers are designed to be available in an hour or less to minimize organizational downtime.

Common use cases

- Delivering high-bandwidth apps and workloads, such as large event video streaming and robotics
- Running real-time analytics to support smart workloads
- Providing updates quickly to IoT devices and security systems using sensor data

Features and specifications

Configurations

- Multiple operating systems and usage models available
- Combination of bare metal servers and container technology
- Container bin packaging for efficient hardware use
- Flexible server and storage configuration options

Provisioning and security

- Dedicated servers provisioned via our intuitive Control Portal or API calls
- Isolated environment as opposed to multi-tenancy

Performance and scaling

- Unified, consistent operations across CPU, memory and storage
- Quick ramp up for large numbers of containers

Provision and manage physical machines using self-service, on-demand and highly automated tools.



Why Lumen?

With flexible app delivery options on a network made of approximately 3.5 million miles of high-capacity, ultra low loss fiber (the largest in North America), Edge Bare Metal enables you to smoothly and efficiently run high-bandwidth apps from the Premises Edge to the Metro Edge to the Cloud Core.

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