

Our Hosting Platform

The technology behind every 10MB hosting plan

Hosting providers differ widely in what sits underneath. Ours is a high-performance, highly available platform designed to grow along with your business.

Autoscaling cloud hosting

The platform responds to demand as it happens, so sites keep running smoothly through traffic spikes.

- **Autoscaling:** Resources adjust automatically to keep sites fast.
- **Global CDN and edge caching:** Pages load quickly for visitors anywhere in the world.
- **No LVE limits:** Your site draws on the whole platform, not a single server.
- **Premium hardware:** SSD storage only, on enterprise-grade Dell servers.
- **High-frequency hosting** (requires Website Turbo): Fast-clocked CPUs process data more quickly and cut latency, and CDN pre-caching speeds delivery further. It is suited to businesses that need power and dependability together.

Reliability and security

- **99.99% uptime guarantee:** Your sites stay online and reachable.
- **DDoS protection and malware scanning:** Automatic defences against attacks and infections.
- **Free SSL certificates:** Encrypted connections for every site at no extra cost.

Support

Our team helps keep your platform running well, and no question is too small.

- **24/7 expert support:** Prompt, knowledgeable answers whenever you need them.
- **Documentation:** Guides, FAQs and tutorials to help you get the most from the platform.

Migration

Our automated migration service is free and moves your sites and data without downtime.

- **Free migrations:** Move all your existing sites in a few clicks.
- **No downtime:** Your sites remain available while they move.

Load balancing

Most hosts offer simple load balancing that only switches a site to another server after a failure. Ours spreads traffic across servers continuously.

That means redundancy if hardware fails and better performance the rest of the time.

Global load balancing watches traffic and shares it across multiple servers as needed, which keeps sites available and fast regardless of volume.

High-availability design

Every service, from web hosting and databases to FTP and email, runs on redundant systems. When one server has trouble, another takes over straight away, so there is no interruption.

- **Web servers:** Sites are spread across several servers, so traffic reroutes instantly if one fails.
- **Database servers:** Critical databases are mirrored across servers to protect data and keep access quick.
- **FTP servers:** Several FTP servers keep file access available for updates and backups.
- **Mail servers:** Redundant mail servers keep email flowing without delay.

Spreading work over several systems also improves response times and keeps the experience consistent for your visitors.

Data centres

Our data centres combine premium hardware with modern security and environmental controls. Technicians are on site every hour of every day, and a resilient national network supports reliability.

The design has no single point of failure. Each server has two Intel Xeon Scalable 12-core processors with hyper-threading, giving 48 logical cores, and 64GB of DDR4 RAM. MySQL and MSSQL databases run on the same type of server, with 192GB of RAM and SSD storage.

Storage is built on all-SSD arrays in a RAID 10 configuration with battery-backed hardware RAID controllers, and the arrays are replicated across servers. If disks, arrays or whole servers fail, your site isn't affected.

A custom web application firewall also inspects incoming requests and blocks threats before they reach your site.

All servers run on 100% renewable energy with a power usage effectiveness ratio as low as 1.12.

Questions, or ready to get started? Call **778-215-1504** or email **sales@10mb.com**. Pricing is quoted to fit your needs. Visit **10mb.com** for more.