

NexVisor Hypervisor



The Fastest, Thinnest Hypervisor – Bar None

2

Compute Nodes

View All

8

Physical Disks

View All

NexVisor Hypervisor, a component of Sunlight HyperConverged Edge (HCE), is a Type 1 Hypervisor built from the ground-up to support today’s high performance hardware technologies with almost zero overhead. Legacy hypervisors such as VMware, Xen and KVM impose a 70%+ virtualisation tax for high-performance IO peripherals – such as fast networking and NVMe storage. Sunlight delivers the full performance of these technologies to your workload – maximising your hardware investment. Sunlight can run on low-power edge devices and makes it simple to migrate VMs from other hypervisors, such as VMware, and runs AWS AMIs natively.

Storage IOPS

Instance Details

VM Specs	9 GB
	21 GB
	16 Cores
Image (Distro)	ubuntu 18.04 x86_64
IPs	69.168.226.147
State	Online
Credentials	Show

Resource Group Details

Name	PerfGroup
Networks	Physical NIC 0
Datstores	PerfDS2_slave
	PerfDS1_slave
Compute Nodes	1.2.2

Bare metal performance

- Remove the 70%+ virtualisation tax.
- 1M IOPS+ per fully-virtualised instance out of the box.
- Supports the fastest NVMe and network hardware.

Compact footprint

- Highly efficient resource usage perfect for edge use cases.
- 500MB memory footprint for entire HCE stack.
- 1/100 the footprint of VMware HCE stack.

Highly available

- Fast, automated failover of VMs.
- Server, rack & availability zone-level HA policies.
- Automated cluster controller failover.

SUNLIGHT Dashboard

Physical Infrastructure

CPU Usage: 21.33% / 75 Cores

Memory: 2.26% / 354.0 GB

Storage: 1.34% / 13.1 TB

2 Compute Nodes

8 Physical Disks

Virtualized Resources

3

2

Racks

1

Compute Layer

Storage Layer

Rack rack_f08d0bae

1

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