

MICROPOD APPLIANCE

The MicroPod™ Appliance is a multi-functional gateway to cloud computing. Placed into the LAN or existing data center, it connects directly to the cloud, replicates workloads, de-duplicates data, provides powerful local recovery capability and reduces application response times by up to 98%.

FEATURES

- Local recovery without failover
- De-duplication at 20:1
- Two way replication of workloads
- Latency reduction
- Up to 45 TB usable storage

Form Factor

- 2U rack mounted
- 4U rack mounted

Support

- 3 years
- 8 – 5 next business day
- 24-hour help desk

High Availability

Should any server (physical or virtual) fail in the existing primary data center, it can be recovered directly on the Micropod as a replacement server within fifteen minutes. The recovery is initiated through the Cloud Console web based UI and is a simple one button recovery process. This local recovery eliminates system downtime and provides for independent high availability of critical systems without failover to secondary geographic facilities.

Continuous Data Protection

The MicroPod allows for the fast and easy recovery of lost, deleted, corrupt or virus infected data from any host within minutes. With internal storage capacity of between 3TB and 44TB the MicroPod is a replication of the entire data center including all applications, data and configurations. Data is continually backed up and stored on the MicroPod by way of snapshots according to client defined schedules. Recovery of lost files or entire database's can take minutes to complete.

De-duplication and Replication

Before replicating changed data to the cloud, the MicroPod de-duplicates at 90% efficiency resulting in a tenfold reduction in WAN traffic. Data is re-hydrated into its original format in the cloud and remains accessible and recoverable.

WAN Acceleration

Should one or more workloads be migrated to the cloud, the MicroPod improves application response times by up to 98% using WAN acceleration technology.

Reverse Replication

Workloads that have been migrated to the cloud data center as primary location can be replicated back to the MicroPod in the LAN environment. This provides for a complete set of critical data to always be maintained within the LAN environment for safe keeping.

Hardware

	3TB Usable	10TB Usable	22TB Usable	45TB Usable
SKU	MP2U4-1	MP4U12-1	MP4U24-1	MP4U48-2
RAM (GB)	12	12	24	48
CPU Model	5520 (2.26GHz)	5520 (2.26GHz)	5520 (2.26GHz)	5520 (2.26GHz)
Number CPU's	1	1	2	2
Disk #'s	4	12	24	24
Disk Type	1 TB	1 TB	1 TB	2 TB
Total Storage	4 TB	12 TB	24 TB	48 TB
Usable Storage (GB)	3072	10239	22526	45052
RAID Type	5	6	6	6
Chassis	2U	4U	4U	4U
NICS	2	2	2	4
Power cables	Included	Included	Included	Included
Rail Kits	Included	Included	Included	Included
Dual Power Supply	Included	Included	Included	Included
PCI Slots	3 (x8) PCI-E 2.0 (1 in x16 slot), 1 (x4) PCI-E, 2x PCI 33 MHz	3 (x8) PCI-E 2.0 (1 in x16 slot), 1 (x4) PCI-E, 2x PCI 33 MHz	3 (x8) PCI-E 2.0 (1 in x16 slot), 1 (x4) PCI-E, 2x PCI 33 MHz	3 (x8) PCI-E 2.0 (1 in x16 slot), 1 (x4) PCI-E, 2x PCI 33 MHz
3 Year Support	Same Day, 4-hour on-site	Same Day, 4-hour on-site	Same Day, 4-hour on-site	Same Day, 4-hour on-site

About nScaLED

We provide virtual data center services (cloud computing) to clients with zero tolerance for data loss or system downtime. Our clients routinely work with the most highly sensitive data and their business reputation depends on the confidentiality and reliability of critical systems and applications. Everything we do from our service level agreements, to system design and management practices support these requirements. Our cloud data centers operate as an extension to each client's existing primary data center facilities. We license market leading technologies from selected partners, integrate, automate and extend these with our own proprietary developments to streamline processes, and simplify data center operations for our clients.