



Accelerated VDI. Intelligently Managed.

American Megatrends, Inc. (AMI) introduces an all-in-one VDI solution offering personalized Virtual Desktops with a high-fidelity user experience. This patent-pending technology takes VDI to the next level by breaking the shackles of existing VDI performance constraints. Users no longer have to compromise on performance, as SnapVDI is guaranteed to provide rich user experience at HD resolution. Backup and recovery is built-in with optional failover.

Executive Summary

Desktop virtualization deployments are growing by leaps and bounds in organizations of all sizes. "Thin Clients" and even "Zero Clients" are now replacing physical PCs to simplify management, increase security, and reduce overall IT costs.

A centralized installation of client systems through Virtual Machines (VMs) drastically reduces the Total Cost of Ownership (TCO), as well as the complexity of infrastructure management that administrators face with individual PCs. Additionally, organizations seeking to increase security with a private cloud can do so with a VDI solution. With the all-in-one solution from AMI, VDI can be deployed and operational in just a few hours.

SnapVDI Spark: Intelligent VDI

- Faster than a desktop: Entire VDI boots up in seconds
- Instant application launch and access
- Seamless user experience: High fidelity even at HD resolution 1920 x 1080
- 90% less storage required than a typical VDI solution
- Intelligent, on-the-fly backup and disaster recovery built-in
- Designed for scalability and performance
- Improved productivity with less down time
- 10x more desktops per configuration
- Faster VM provisioning and cloning

Zero Client (Smart Console)

- Industry's *only* hardware-based RemoteFX decryption engine
- Advanced power management
- Wake on LAN
- WiFi support
- IPV6 support
- Only 5 Watts of power usage
- Extended life cycle

SnapVDI™ Manager

- Simplified and unified management: Single-pane access to manage entire VDI
- Zero Client management and provisioning
- VM Pool Creation, deployment and management
- OS provisioning, remote software installation and patch management
- Desktop template creation
- User, event and report management
- Build private cloud environment
- Infrastructure management

Protocols Supported

Users can connect to a remote system using the following protocols:

- RDP (Remote Desktop Protocol) used for Microsoft Hyper-V Architecture
- Microsoft RemoteFX
- Microsoft RemoteAPP

SnapVDI Product Offerings

SnapVDI Sense: Up to 10 Users

Server Hardware

Item	Quantity
Motherboard/Chassis- SuperWorkstation SYS-7037A-i	1
Hard Disk SATA 1TB- ST1000NM0011	2
Processor Intel® Xeon® processor E5-2620v2	2
Memory 16GB DDR3 1600MHz/1333MHz ECC Registered DIMM - 128 GB	8
GPU Card - nVidia GeForce GTX-780 GPU	1

Smart Console Thin Clients **10**

SnapVDI Endeavor: Up to 60 Users

Virtualization Server Hardware

Item	Quantity
Motherboard/Chassis - SuperServer 7047GR-TPRF	1
Hard Disk SATA 2TB - ST32000646NS	2
Processor Intel® Xeon® processor E5-2650v2	2
Memory 16GB DDR3 1600MHz/1333MHz ECC Registered DIMM - 160 GB	10
GPU Card - nVidia Grid K1	1
Intel® X540 Dual port 10GBase-T LAN	1

Storage Server Hardware

Item	Quantity
Motherboard /Chassis - SuperServer 6027R-72RFT+	1
Hard Disk SAS 2TB - ST2000NM0053	8
Processor Intel® Xeon® processor E5-2630v2	2
Memory 16GB DDR3 1600MHz/1333MHz ECC Registered DIMM - total 384	24

Smart Console Thin Clients **60**

SnapVDI Resolute: Up to 120 Users

Virtualization Server Hardware

Item	Quantity
Motherboard /Chassis - SuperServer 7047GR-TPRF	1
Hard Disk SATA 2TB - ST2000NM0053	2
Processor Intel® Xeon® processor E5-2650v2	2
Memory 32GB DDR3 1333MHz ECC Registered DIMM - 320 GB	10
GPU Card - nVidia Grid K1	2
Intel® X540 Dual port 10GBase-T LAN	1

Storage Server Hardware

Item	Quantity
Motherboard /Chassis - SuperServer 6027R-72RFT+	1
Hard Disk SAS 2TB - ST2000NM0053	8
Processor Intel® Xeon® processor E5-2630v2	2
Memory 32GB DDR3 1600MHz ECC Registered DIMM - total 384	24

Smart Console Thin Clients **120**