



iServer

Enterprise Rackmount Server in 2U / 3U / 4U Chassis



Key Features:

- Support for multiple Intel Xeon CPUs
- Supports up to 4TB Super-Fast DDR4 Memory
- Supports multiple AMD or nVidia video cards
- Multiple USB ports
- Multiple Gigabit LAN ports
- Intel Quick Sync Support
- Dedicated GPU Load Management

Product Overview

Infinity iServers series brings together latest Intel Xeon series CPUs with lightning fast DDR4 memory, with support for 2933Mhz DIMMs.

Support for both AMD and nVidia graphics cards, coupled with multiple PCI-E slots allows for CrossFire/SLI systems of astonishing power.

Utilization of technologies such as Intel Quick Sync and dedicated GPU loading means the CPU is free for critical tasks and core performance load is handled by the graphics cards.

Features

Lightning Fast CPU

Supporting the latest Intel Xeon series CPUs / multiple CPUs supported

High Memory Speed

Support up to 4TB DDR4 memory allowing for intensive applications to run.

VMS Management

Install Infinity VMS and allow Intel Quick Sync and GPU offload to increase performance of the VMS for high intensity applications such as Video Analytics and Facial Recognition.

Connected

Boasting numerous USB ports, as well as multiple graphics outputs, Audio I/O and multiple Gigabit Ethernet connectivity as standard.

Technical Specification

Core System	
CPU Family	Intel Xeon and Xeon Scalable
Memory Support	Up to 4TB DDR4 (2933Mhz, model specific)
Graphics support	Up to 4x PCI-E 16x (model specific) AMD & nVidia
Storage	2x SSD in RAID 1+0 for OS; up to 736TB
Optical Drive	DVD-RW (model specific)
Drive Bays	5.25" and 3.5" (2.5" via modular adaptor)
Onboard Graphics	1x VGA
Network Support	Dual LAN support 10GBASE-T
Multiple OS	Yes
Throughput	More than 4000Mbps

I/O	
Graphics	CrossFire/SLI supported (AMD/nVidia cards required)
Video Expandable	Up to 4x PCI-E 16x full height cards
Form Factor	4U Rack Mountable
CPU Supported	2
LAN ports	2x 10Gig RJ45
IPMI Support	Yes
USB Ports	Yes

Onboard Support	
SATA Support	Model specific, up to 736TB footage storage
SATA Speed	6~8Gbps
Hard Drives supports	HDDs/SSDs
RAID Support	RADI 0/1/5/6/1+0
Optical Drive	SATA DVD-RW (model specific)
BIOS	Flash UEFI BIOS, Battery Backup
Onboard graphics	Yes, VGA D-Sub
USB 2.0 / 3.0	2-4 ports (model specific)

Electrical	
Power Supply	110~230V 50-60Hz
PSU Type	Redundant 1+1
PSU Power	1000W / 1800W / 1920W / 2000W
Operating Temperature	10°C ~ 40°C (-22°F ~ 122°F)
Operating Humidity	Less than 90% RH