

EXTREME RUGGED
PORTABLE COMPUTING

MaxVision®



MAXCUBE II™

Rugged Deployable Server

MaxVision®'s MaxCube II™ 8241 is one tough, reliable, ultra-compact, rugged, mobile, super server designed to meet the needs of servers compliant with the VMware virtual environments and any Windows Server, Linux Server or Desktop OS.



MAXCUBE II™

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In the space of one cubic foot, the MaxCube II™ provides:

- Dual 6 core Xeon® 5600 processors.
- 48GB of ECC main memory.
- Removable 2.5" mirrored system drives (HD or SSD).
- 16TB removable data magazine supporting RAID 5 or 6 (24TB using 3TB HD).
- Optional integrated UPS supports Global Backup for up to 10 minutes
- Run off 90-264VAC 47-400Hz and 28VDC (requires ups).
- 600W high efficiency power supply.
- Choice of quick swap DVD or Blu-ray burner.
- Dual GbE networking.
- USB 2.0.
- Remote Management network port.
- 6 available option slots: PCIe 2.0 x 8(16), two PCIe 2.0 x 4(8), PCIe x 4(8), two PCI.
- Optional RAID controller uses one PCIe 2.0 x 4(8) slots.
- Integrated on-board graphics.
- Desert proven air filtration system, front to back (filters all air).
- Operating temperature range 0° - 50°C and non-operating low temperature of -40°C.
- Pelican roller transit case, provides MIL STD 810G for water tight, shock and vibration-tolerant transport.
- Optional integrated 13.3" 1280 x 800 display and rugged keyboard.



MaxCube II™ shown in service position. Easy access to option slots, processors, and memory. Opens in one minute.



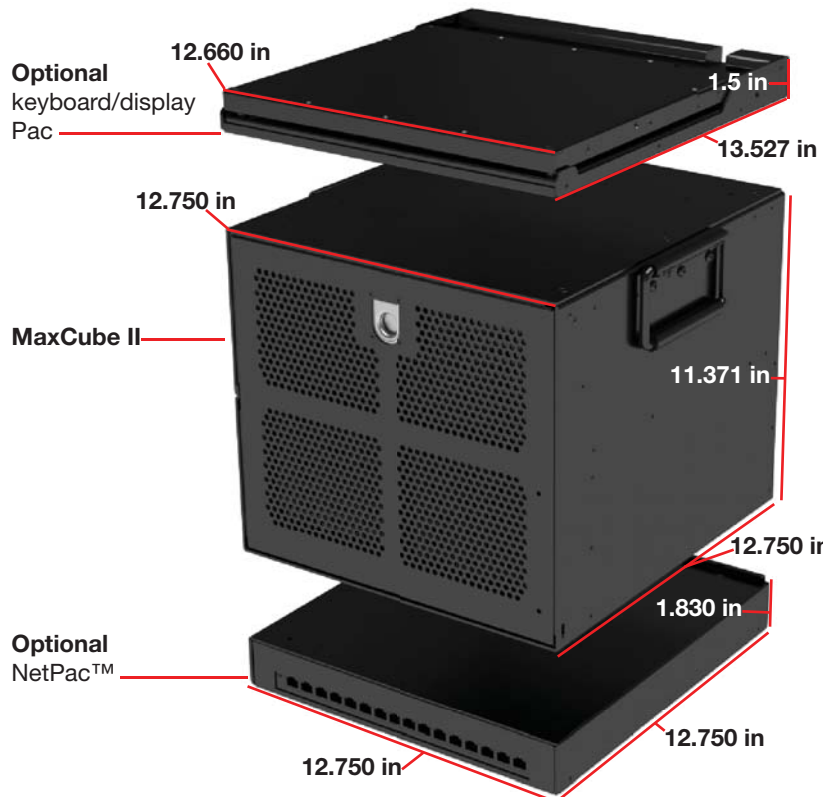
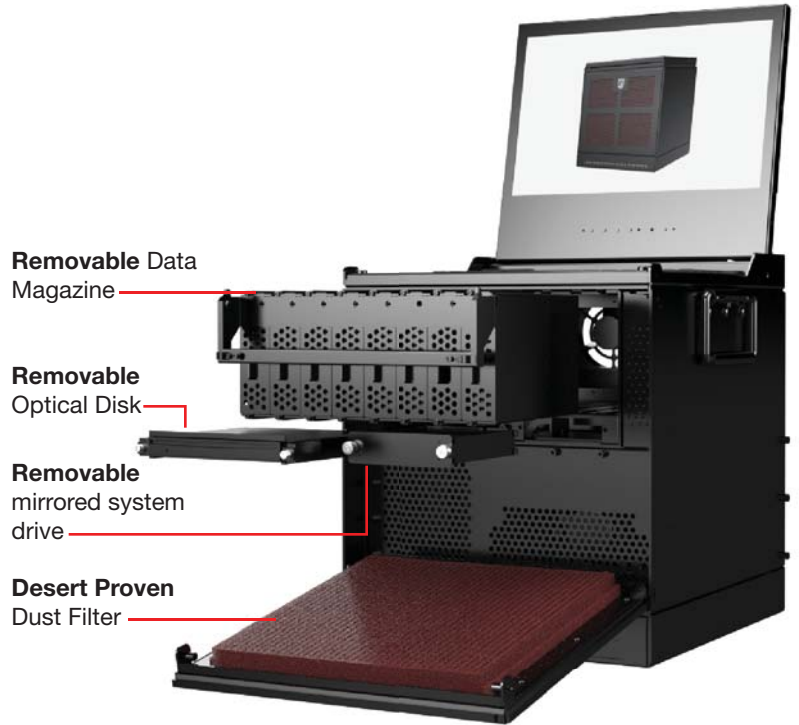
MAXCUBE II TM

Rugged Deployable Server

No other server on the market can boast of the rich set of standard features, processing power, and tolerance to extreme dirt, dust, debris and heat, all tightly integrated into a small space. Compared to the typical, non-extreme environmental tolerant server system that most often requires a 3U Server Chassis, 2U Raid Chassis, 2U UPS, 2U slide-up display and keyboard, the MaxCubeTM has more than a 4x advantage in physical size and weight alone. The MaxCubeTM weighs in at a bit more than 40 pounds, making it easily managed by one person.

The MaxCubeTM represents the ultimate in rugged compact state-of-the-art virtual machine servers. With dual Xeon[®] 5600 processors, each with 6 cores and 12MB of cache, the MaxCubeTM can support up to 12 processor cores operating up to 3.33GHz and up to 24 threads of execution. Typically configured with the latest in LSI RAID controller supporting RAID 1, 10, 5 or 6, there is plenty of high reliability storage with streaming bandwidth in excess of 500MB/sec and superior IOPs. Mirrored SSD system drives provide excellent latency and read/write performance. Eight, 3TB HD provide the needed bandwidth and can be configured as a single 8-drive removable magazine, two, 4-drive magazines, or four mirrored pairs.

If this is not enough, the MaxCubeTM can be supplemented with MaxVision[®]'S TeraPac[®] III mass storage expansion chassis, which adds up to 8 drive (or equivalent) magazines, and can operate from the MaxCubeTM's integrated UPS. This package provides 48TB of RAID storage in only 1.35 cubic feet of volume. Note, the TeraPac[®] can also be used with another workstation or server to provide quick service swaps between servers.





MAXCUBE II™

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The NetPac™ is an optional attachment base which integrates a 16 port GbE switch and a Cisco Security Appliance. This makes the MaxCube II™ the most complete High Velocity Server **On the GO!**

NETGEAR®
Connect with Innovation™

NETGEAR Prosafe 16 Port
Gigabit Switch Model GS116




CISCO™

Cisco ASA 5505 Series
Adaptive Security Appliance