



## PRESS RELEASE

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### **MaxVision Announces the MaxCube II**

#### **Rugged Deployable Cloud Server in One Cubic Foot**

**Huntsville, AL, July 19, 2011** - MaxVision®'s MaxCube II™ 8241 is an ultra-compact, rugged, highly-reliable, deployable, server designed to meet the most demanding requirements. Through its partnership with VMware, MaxVision can support VMware's vSphere 4 and ESX platforms in combination with any Windows Server, Linux Server, or Desktop OS.

“The MaxCube II has become the ultimate deployable cloud environment when paired with virtual platforms”, says, Bruce Imsand, MaxVision CEO. “The user has the ability to condense an entire rack of CPU and SAN resources – complete with integrated networks, where each CPU may be responsible for a different operating system environment – into a portable one cubic foot system.”

The MaxCube II will operate from any power source, including 90 to 264 VAC @ 50 to 60 Hz, 115 VAC @ 400 Hz, or 28 VDC. The integrated MaxUPS uninterruptable power subsystem can run the MaxCube II for 10 minutes from an internal 3.6 pound LiFePO4 battery. These capabilities are key to missions where quick setup is important and where the power source is not always known. Weighing in at just over 40 pounds, the MaxCube II can be easily transported by one person and then setup and booted in less than five minutes with a single power cord along with any network connections.

“The MaxCube II is highly extensible,” notes Imsand. “There are three PCIe4, one PCIe16, and 2 PCI slots available with integrated dual Gigabit Ethernet Controller and SAS support for integrated drives. This means the MaxCube II can host user-specific streaming data capture cards, thereby making this system ideal for “on the

move” covert data gathering missions requiring HD streaming video surveillance and streaming mass storage capabilities.

The combination of extreme processing power and tolerance to extreme operating environments (dirt, dust, debris, and temperature) means the MaxCube II represents the ultimate rugged, compact, state-of-the-art system for both virtualization and utility applications. With dual Xeon® 5600 processors, each containing 6 cores and 12 MB of cache, the MaxCube II provides 12 processor cores (with up to 24 threads of execution) operating up to 3.33 GHz. MaxCube II systems are typically configured with the latest LSI RAID controller supporting RAID 1, 10, 5 or 6. Eight 3.5” hard drives, at 3 TB per drive, gives a total of 24 TB of high-reliability storage supporting streaming bandwidth well in excess of 500 MB/sec. Mirrored solid-state system drives provide excellent latency and read/write performance.

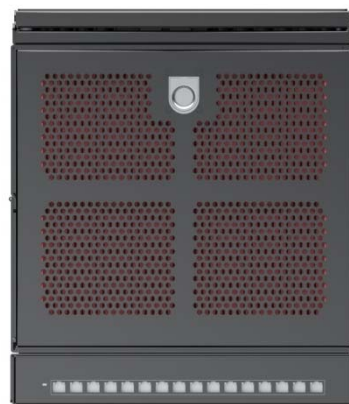
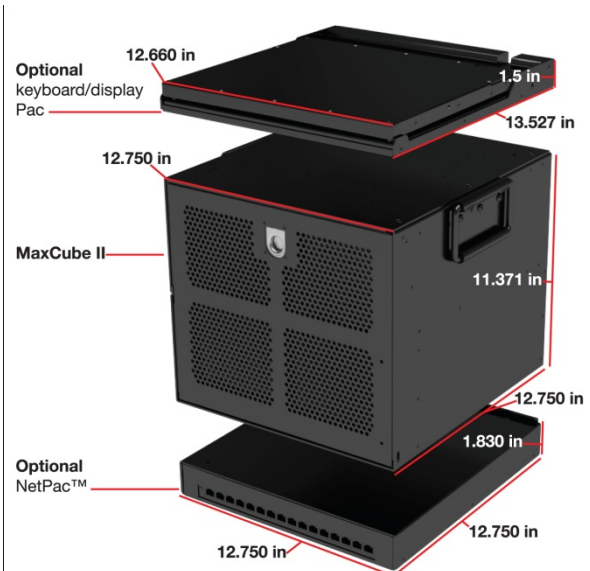
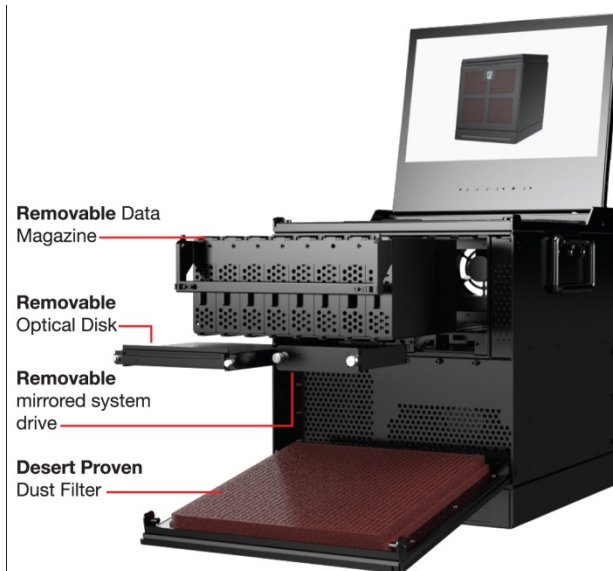
The MaxCube II can also be supplemented with MaxVision’s TeraPac® III compact mass storage expansion chassis, which adds an additional eight drives using the same removable magazine system. The TeraPac III which provides an additional 24 TB of RAID storage in only 0.35 cubic feet, can operate from the MaxCube’s integrated UPS. Thus, the combination of the MaxCube II and the TeraPac III offers 48 TB in only 1.35 cubic feet.

The MaxCube II can also be configured with the NetPac™, an optional attachment base that integrates a 16 port GbE switch and a Cisco Security Appliance.

<http://www.maxvision.com/ruggedcomputers/MaxCube.html>

<http://www.maxvision.com/ruggedcomputers/TeraPac3.html>

<http://www.vmware.com/solutions/cloud-computing/index.html>



## About MaxVision

Founded in 1993, MaxVision manufactures rugged, portable and transportable servers, workstations, and accessories with no compromises in performance. MaxVision's designs provide extensive customization, including advanced air filtration systems, advanced power conditioning, and certified tolerance for extended runtime in harsh climates. For more information, visit [www.MaxVision.com](http://www.MaxVision.com)

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