

MiniRax[®] 8060 1U12

Rack-mounted rugged workstation and specialty server



The MiniRax® 8060 is an extremely compact 1U rack-mount work station and specialty server with a depth of 12.3"

The MiniRax is ideal for vehicle based systems where the small size is beneficial. It supports the latest Xeon-D 8-core processor processor technology and a PCI-E 3.0x 16 slot, which can be used for high performance graphics and other demanding I/O.

This product can be configured with 16GB, 32GB, 64GB or 128GB of DDR4 memory. Each of the 8 Xeon cores has a peak clock of 2.6GHz. Pair this with a Quadro M4000 from nVidia and you have an amazing workstation engine with all the standard I/O features of the largest systems. You can install up to four removable 2.5" SSDs configured as two drives per removable magazine. An optional RAID controller adds drive redundancy. A quick swap slot fed DVD or BD burner is also provided. Dual 10GbE and dual GbE (a total of four RJ-45 conntectors) are standard on this workstation server. In addition a 5th RJ-45 support IPMI.



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Motherboard/Processor Supermicro X10SDV-TLN4F motherboard and Xeon D-1540 Processor with optional TPM.

Four RDIMM ECC DDR4 2133MHz (128GB Max) or Memory

Four UDIMM non-ECC (64GB max)

Video Controller Options Integrated graphics for a single VGA port is provided on the motherboard. Optional Quadro, K2200 or

M4000 graphics cards (uses PCI-E3.0 x 16 slot).

STD External I/O Inter-Two 10GbE, Two GbE; Two USB 3.0 rear; Two USB 2.0 ports front; VGA (HD15) on rear, + IPMI RJ-45 faces

two USB 2.0 on internal header, six SATA Internal I/O

PCI-E 3.0 x16 for cards 10" or less in length. nVidia **Option Slots**

Quadro M4000 or K2200 recommended. Internal PCI

express mini card, which can be used for M.2 SSD

Removable Drive Maga-

4 removable 2.5" SATA drives organized in two removable magazines. Drives can be configured for individuzine al removal or removal as mirrored pairs. Max per drive is 2.0TB. MegaRaid 9271-4i controller optional. FIPS

140-2 available.

Choice of DVD or Blu-ray burner, used with a slim, **Optical Drive**

quick-swap magazine.

Power Supply 300Watt; Global 90 to 264VAC; 50/60 or 400Hz.

Operating System Windows 7: Windows 10, Microsoft Server 2012; or

Redhat Linux. ESXi can also be used to support Virtu-

al Machine configurations.

Environmental Operating range: 0 to 50°C; Non-operating: -20 to

70°C; non-condensing 10 to 90% relative humidity.

Regulatory FCC Class A, CE

Size (WxHxD) 17.3" x 1.75" x 12.3"

Shipping Container Corrugated box with Ethafoam insert. Optional Peli-

can 1495 Briefcase.



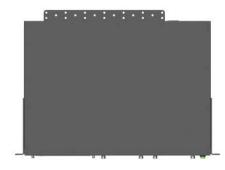
MiniRax® 8060 is a 1U rack-mount mobile/deployable workstation and specialty server that requires a very short rack. Approximately 13" depth is all that is required.



Removable 2.5" SSD drives magazine with an optical (DVD or Blu-ray) quick-swap drive bay.



The cable management bracket allows for the compact organization of the exiting cables. This is often needed in vehicle applications where there is a limited amount of space. The bracket can be configured out if not needed.



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