

RT-2057 DUAL GPU CUBE



Small and Mighty.

The Rave RT-2057 offers supercomputer processing power in a form factor small enough to sit on your desk. Unlike other systems this size, the RT-2057 can support even the largest double width graphics cards including the NVIDIA® Tesla™ C2075 and the Quadro® 6000. With up to 896 CUDA™ processor cores this system can produce over 2 Teraflops of single precision performance. With such a high number of processor cores, the RT-2057 can outperform a small cluster of quad-core servers with applications that leverage the parallel computing architecture. By taking advantage of the new Sandy Bridge-E architecture from Intel®, NVIDIA® Fermi Architecture, and ultra high efficiency 80 PLUS® Gold power supplies, the Rave RT-2057 delivers revolutionary performance and power efficiency.

Over 2 Teraflops of Single Precision

Supports up to (2) NVIDIA® Tesla C2075 or Quadro® 6000

Supports the new Intel Core i7 Sandy Bridge-E Processors

1000W Ultra-High Efficiency 80 PLUS® Gold Power Supply

Up to 32GB of DDR3 Memory



OPERATING SYSTEM	Supports Microsoft Windows® Operating Systems
PROCESSOR	Supports Intel® Core™ i7 Sandy Bridge-E Processor series in the LGA2011 socket
CHIPSET	Intel® X79 Express Chipset
SYSTEM MEMORY	(4) 240-pin DIMM slots, Up to 32GB of DDR3-1333 Non-ECC Un-buffered Memory
GRAPHICS	Supports the latest double-width graphics cards including the NVIDIA® Tesla™ C2075 and Quadro® 6000
DRIVE CONTROLLERS	(4) SATA 6.0Gb/s ports supporting RAID 0,1,5,10, (3) SATA 3.0Gb/s ports supporting RAID 0,1,5,10, (1) eSATA 3.0Gb/s port
DRIVE BAYS	(1) 5.25 bay, (7) 3.5" internal bays OR (3) 3.5" internal bays when a 9" or longer GPU is being used, (2) 2.5" internal bays
OPTICAL DRIVE	Supports (1) 5.25" Optical Drive, BD/BD-R/BD-RE/DVD/DVD-RW/CD/CD-RW Options Available
AUDIO	SupremeFX III, built-in 8-Channel High Definition Audio CODEC. 110dB Signal-to-Noise ratio.
EXPANSION SLOTS	(3) PCI-E 3.0 x16 slots (@ x16 or x16/x16 mode: 1 is always @ x8 mode) (1) PCI-E 2.0 x4 slot
FRONT PANEL I/O	(2) USB 3.0 ports, MS/SD/SDHC Memory Card Reader, Analog Audio Input and Output
REAR PANEL I/O	(1) PS/2 port, (2) USB 3.0 ports, (1) Optical Audio Output, (8) USB 2.0 ports, (1) eSATA 3.0Gb/s port, (1) RJ-45 Gigabit Ethernet port, (4) Stereo Analog Audio Outputs, (1) Microphone Input, (1) Line Input
COOLING SYSTEM	(2) 120mm Air Filtered Front Intake Fans w/ Optional LED Lighting, (1) 120mm Exhaust Fan, (1) 140mm Exhaust Fan, (1) 135mm Power Supply Exhaust Fan
ETHERNET	(1) Intel® Gigabit LAN
POWER SUPPLY	1000W Ultra High-Efficiency 80 PLUS® GOLD Certified Modular Power Supply
DIMENSIONS	9.65" (W) x 13.60" (H) x 16.54" (D) 246mm (W) x 346mm (H) x 421mm (D)
ENVIRONMENT	Minimum Operating Temperature: 10 °C Maximum Operating Temperature: 35 °C Maximum Operating Humidity: 8-90% (non-condensing)
WARRANTY	3 years parts and labor