PRODUCT INFORMATION SHEET

HEXAGON | US FEDERAL

TD-R™ 4X37B

Small Form Factor (SFF) Computer System

The Hexagon US Federal TD-R™ 4X37B series computer system integrates high powered Commercial Off-The-Shelf (COTS) technology using field proven construction methodologies validated over years of real world mission critical installations in a small rugged package.

The TD-R™ 4X37B system provides a configurable, current technology solution with long life supportability without the use of moving parts or traditional fan cooling devices.

Boasting proven durability to support your requirements in the harshest environments, the TD-R™ series computer systems are ideal when conditions demand a truly high powered rugged computer for land, sea or air applications from a proven supplier of mission critical hardware.

ENCLOSURE CONSTRUCTION

- Aluminum and stainless steel construction
- Rigid component support and restraint for structural reliability
- Durable field proven construction

ENVIRONMENTAL

- Operating Temperature: 0° to +60° C
- Storage Temperature: –40° to +80° C
- Relative Humidity: 5 to 95% non-condensing
- Designed to Meet:
  - Shock: MIL-S-901D
  - Vibration: MIL-STD-167-1
  - EMC: MIL-STD-461
  - Airborne Noise: MIL-STD-740-1
  - Inclination: MIL-E-16400G

FEATURES

- Long Life Cycle Component Support
- Power cord and critical I/O mechanical strain relief
- Multiple mounting orientations
- Front Accessible, hot swap RAID capable Solid State Drive (SSD) system
- Intel® Core™ i7 4770TE 4th generation processor @ 2.3GHz or higher.
- Chipset: Intel® Q87 chipset
- Memory: Up to 16GB of DDR3 non-ECC unbuffered SDRAM
- Graphics: Integrated DVI-D, HDMI, VGA
- Ethernet: Two (2) integrated RJ45 10/100/1000, Gigabit Ethernet ports—1× Intel® i217LM (PHY); 1× Intel® i211AT
- Audio: Integrated Realtek ALC662 HD audio CODEC. Ports: Line-In, Line-Out, Microphone
- BIOS: AMI® EFI 64MB Flash ROM
- Storage: Two (2) 2.5" hot swap capable SATA 3.0 (6Gbps) drive bays. All drives are Solid State with configurable options from 120GB to 1TB (×2 drives). Integrated controller supports JBOD and RAID levels 0, 1, 5, and 10.
- I/O Panel Interfaces: Two (2) Serial Ports; Six (6) USB Ports (4× USB 2.0; 2× USB 3.0); One (1) HDMI port; One (1) DVI-D
- Port; One (1) VGA port; Two (2) RJ45 (10/100/1000) ports;
- Audio Line-In, Line-Out, Mic ports
- Power: 12VDC (native) positive turn circular connector. Unit is provided with rear mountable 100–240VAC AC/DC adapter.
- Operating systems: Microsoft® Windows® Family; Linux

PRE-CONFIGURED SYSTEMS

Part Number: FFBAS0470

Description: TDR4137B, 2.3+ I7, 8G, 2X300G, WIN7

Summary: TD-R™ 4137B Computer System (as defined above) including: Two (2) 300GB Solid State Drives; 8GB memory; Windows 7 Professional*

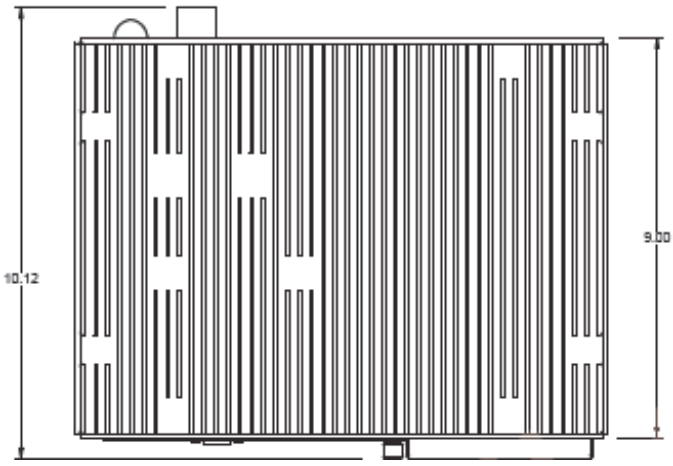
Part Number: FFBAS0471

Description: TDR4137B, 2.3+ I7, 8G, 2X1TB, WIN7

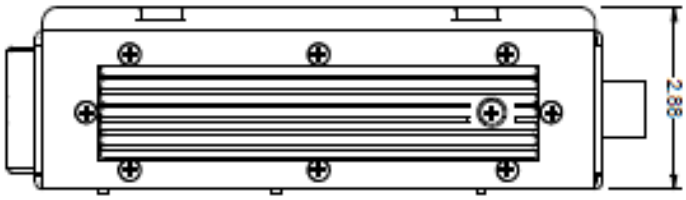
Summary: TD-R™ 4137B Computer System (as defined above) including: Two (2) 1TB Solid State Drives; 8GB memory; Windows 7 Professional*

Additional configurations are available upon request, to include, but not limited to, drive types and quantities, processor type and speed, memory configurations, and operating system support. Contact your sales representative for assistance in configuring your specific configuration.

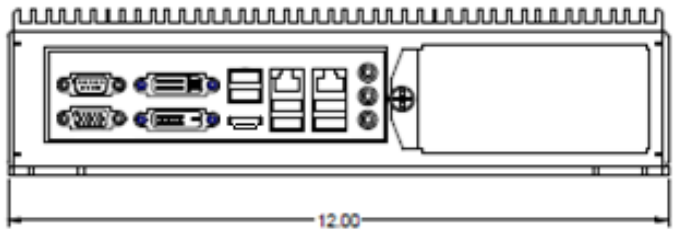
** Specific sub-sets of testing may have been performed under various conditions*



STANDARD TOP VIEW



STANDARD FRONT VIEW



STANDARD BACK VIEW

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About Hexagon US Federal

Hexagon US Federal is an independent subsidiary for Hexagon's U.S. federal business. Hexagon US Federal provides mission-critical and business-critical solutions to governments and service providers. A global leader, proven innovator, and trusted partner, our software and industry expertise help improve the lives of millions of people through safer communities, better public services, and more reliable infrastructure. Visit hexagonusfederal.com.

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