PRODUCT INFORMATION SHEET

HEXAGON | US FEDERAL

TD-R™ 4X27B SERIES SFF

Small Form Factor (SFF) Computer System

The Hexagon US Federal TD-R™ 4X27B series Small Form Factor (SFF) computer system integrates high powered Commercial Off-The-Shelf (COTS) technology and field proven construction methodologies necessary for today's complex applications in an energy efficient platform.

The TD-R™ 4X27B system technology provides trusted mission critical hardware in a small form factor without moving parts, fans or other active cooling devices. This field proven system provides current technology interfaces supporting the latest processing technologies: USB 3.0 and SATA III. Boasting the design methodology of field proven systems supporting your latest hardware requirements in the harshest environments, the TD-R™ 4X27B series system is ideal when conditions demand high performance in a truly rugged computer system for land, sea, or air applications from a proven supplier of mission critical computing and integrated systems.

ENCLOSURE CONSTRUCTION

- Aluminum and stainless steel
- Component support and restraint for structural reliability in extremely rugged environments
- Thumbscrew attached exterior door providing quick access to removable drives

ENVIRONMENTAL

- Operating Temperature: –10º to +60° C (Standard). Upgrade options supporting –20º to +70º C
- Storage Temperature: –35º to +80º C
- Relative Humidity: 0 to 95% non-condensing
- Designed to Meet:
  - Shock: MIL-S-901D Grade A
  - Vibration: MIL-STD-167-1
  - EMC: MIL-STD-461F
  - Airborne Noise: MIL-STD-740-1
  - Inclination: MIL-E-16400G

FEATURES

- Fanless design – No moving parts
- Energy efficient – Low power consumption
- Processing: Second Generation Intel® Core™ i7 2.7GHz or higher, rPGA988B
- Chipset: Intel® QM67 PCH
- Memory: DDR3 SO-DIMM supporting up to 8GB
- Graphics: Second generation Intel® Core™ i7/i5 processors integrated Gfx Gen 5.75 supporting a max shared memory of 1024 MB
- LAN: Integrated Dual Gigabit Ethernet (RJ45) consisting of Intel® 82579LM/Intel® 82583V PCI-E Gigabit LAN
- Audio: Integrated Intel® QM67 HD audio w/ Realtek ALC892 7.1 CH
- Storage:
  - CF: One (1) bootable SATA based CF card reader supporting UDM/DMA/PIO mode operations. Multiple CF options (sizes and technologies) available including extended temperature ranges
  - Hard Disk/SSD: Support up to two (2) 2.5" removable SATA drives (Hot Swap capable). Various size SSDs available for factory installation and field installation.
- iAMT 7.0 Support

PRE-CONFIGURED SYSTEMS

Part Number: FFBAS0427

Description: TD-R 4127B, 2.7+, i7, 8GB, 120SSD, WIN7PRO

Summary: TD-R ™ 4127B Computer System win an Intel® 2.7GHz (or higher) i7 Processor; 8GB total memory (2×4GB); Factory installed (removable) 120GB Intel® Series Solid State Disk Drive; CF Card Reader; tabbed stainless steel mounting brackets; Mil style DC input power connection; External AC Power Supply with mounting bracket; Windows 7 Professional.

Part Number: FFBAS0428

Description: TD-R 4127B, 2.7+, i7, 4GB, 120SSD, WIN7PRO

Summary: TD-R ™ 4127B Computer System win an Intel® 2.7GHz (or higher) i7 Processor; 4GB total memory (1×4GB); Factory installed (removable) 120GB Intel® Series Solid State Disk Drive; CF Card Reader; tabbed stainless steel mounting brackets; Mil style DC input power connection; External AC Power Supply with mounting bracket; Windows 7 Professional.

Part Number: FFBAS0424

Description: TD-R 4127B, 2.7+, i7, 4GB, WIN7PRO, Built to Order

Summary: TD-R ™ 4127B Computer System win an Intel® 2.7GHz (or higher) i7 Processor; 4GB Base memory (1×4GB) (UPGRADABLE) MIL style DC input power connection; External AC Power Supply with mounting bracket; Windows 7 Professional. *Please note:* Hard Disk (SSD) required at time of purchase.
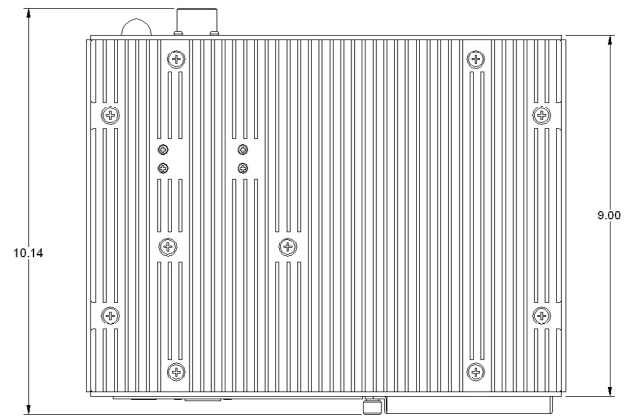
Options (CF Readers and cards, SSDs, and mounting options) available. Additional configurations available upon request include, but are not limited to, drive types and quantities, processor type and speed, memory configurations, and operating system support. Contact your sales representative for assistance in configuring your specific system.
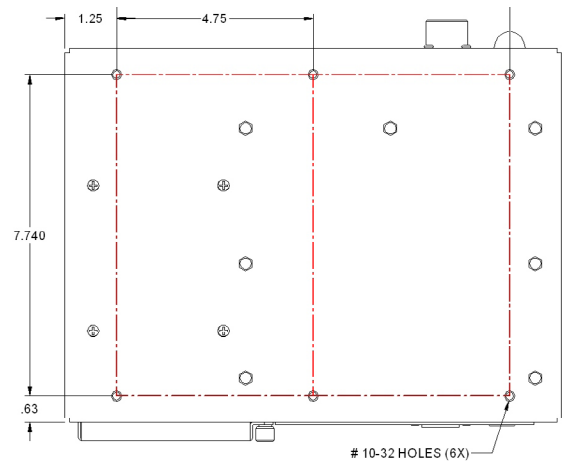

STANDARD TOP VIEW

STANDARD BOTTOM VIEW
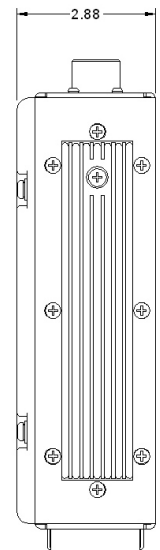
STANDARD RIGHT SIDE VIEW

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About Hexagon US Federal

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