

PRODUCT SHEET

TD-R™ 4X27B Series SFF (Small Form Factor) Bulkhead Mount Computer System

The Intergraph TD-R™ 4X27B series Small Form Factor (SFF) bulkhead mount computing system integrates high powered commercial off-the-shelf (COTS) technology and field proven construction methodologies necessary for today's complex applications.



The patented TD-R™ 4X27B Series system technologies provide the next generation of trusted mission critical hardware from Intergraph Government Solutions computing systems in a small form factor without the use of moving parts, fans or other active cooling devices. The newest member of the SFF system family provides the interfaces to support new processing technologies, USB 3.0 and SATA III, while boasting the design methodology of field proven systems to support your latest hardware requirements in the harshest environments. The TD-R™ 4X27B series computing systems are ideal when conditions demand a truly rugged workstation for land, sea, or air applications *from a proven supplier* of mission critical computing and integrated systems.

ENCLOSURE CONSTRUCTION:

- Aluminum and stainless steel construction
- Component support and restraint for increased structural reliability for truly rugged environments
- Single thumbscrew outer door provide quick access to removable drives

WORKSTATION FEATURES:

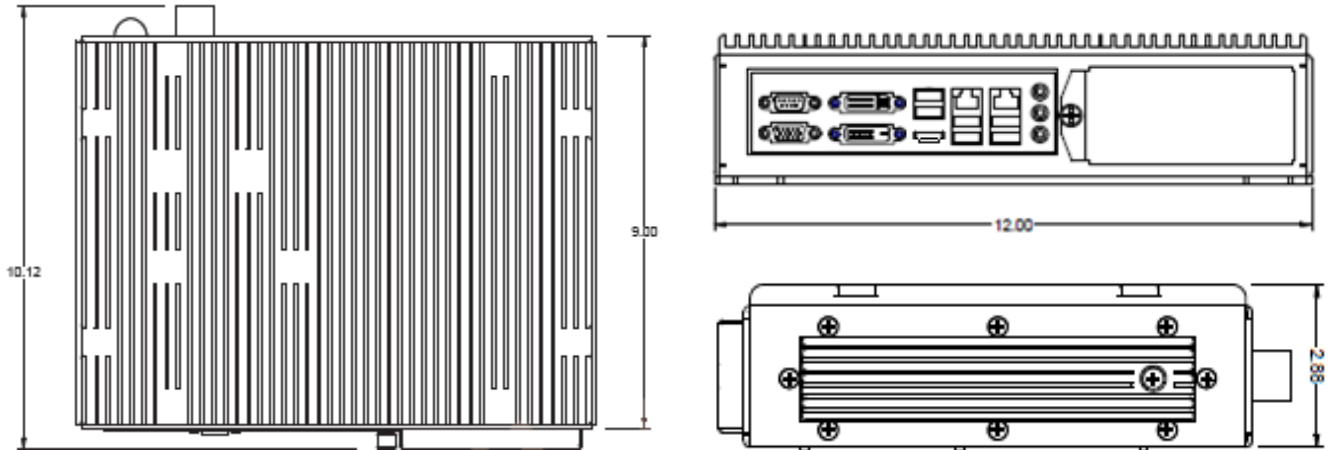
- Fanless design – No moving parts
- Processing: Second Generation Intel® Core™ i7 2.7GHz or higher, rPGA988B
- Chipset: Intel® QM67 PCH
- Memory: DDR3 SO-DIMM supporting up to 8GB
- Graphics: Second generation Intel® Core™ i7/i5 processors integrated Gfx Gen 5.75 supporting max shared memory of 1024 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: Supports 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

- I/O Interfaces ports (standard): Two (2) GigE RJ-45 ports; Audio (Line-In, Line-Out, MIC); Two (2) Serial Ports; Six (6) USB 2.0 ports (2 USB 3.0, 4 USB 2.0); One (1) DVI-I Port; One (1) DVI-D port; One (1) HDMI
- Operating System Support: Windows XP Professional (32/64bit), Windows 7, Windows 2008 R2, Linux
- Input Power: 12-25 VDC (standard). Includes AC power brick, 100-240VAC, 1.8A, 50/60Hz and mounting hardware for direct unit attachment or shelf/wall attachment.
- Mounting: Wall/Bulkhead Mount. Direct chassis mounting or optional mounting brackets available to meet specific customer requirements.

ENVIRONMENTAL:

- Operating Temperature: -10° to +60° C (Standard). Upgrade options supporting -20° to +70° C.
- Storage Temperature: -35° to +80° 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

PRODUCT SHEET



PRECONFIGURED SYSTEMS:

Part Number: FFBAS0427

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

Summary: TD-R™ 4127B Computer System with an Intel® 2.7GHz (or higher) i7 Processor; 8GB total memory (2x4GB); Factory installed (removable) 120GB Intel® 310 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 with an Intel® 2.7GHz (or higher) i7 Processor; 4GB total memory (1x4GB); Factory installed (removable) 120GB Intel® 510 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, BTO (BUILD TO ORDER)

Summary: TD-R™ 4127B Computer System with an Intel® 2.7GHz (or higher) i7 Processor; 4GB Base memory (1x4GB) (UPGRADABLE) Mil style DC input power connection; External AC Power Supply with mounting bracket; Windows 7 Professional.

* Hard Disk (SSD) required at time of purchase. Options (CF Readers and cards, Solid State Disk Drives, and mounting options) available.

** 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.

www.intergraphgovsolutions.com

Phone: 1-800-747-2232

ABOUT INTERGRAPH GOVERNMENT SOLUTIONS

Intergraph Government Solutions (IGS) is an independent subsidiary of Intergraph Corporation that was created to serve the U.S. Federal and classified business.

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph's industry-specific software to organize vast amounts of data to make processes and infrastructure better, safer and smarter. The company's software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph, the Intergraph logo, and TD-R are registered trademarks of Intergraph Corporation. Microsoft and Windows are registered trademarks of Microsoft Corporation. Other brands and product names are trademarks of their respective owners. ©2012 Intergraph Government Solutions, Huntsville, AL 35758