

PRODUCT SHEET

TD-R™ 7X11R-S RSCU Series Rack Mount Computer System

The Intergraph TD-R™ 7X11R-S RSCU series rack mount computer system integrates high powered Commercial Off-The-Shelf (COTS) technology and field proven *Ultra-Rugged* construction methodologies necessary for today's complex applications operating in harsh environmental conditions.



The TD-R™ 7X11R-S Series system technology provides a high performance system using trusted mission critical hardware from Intergraph Government Solutions in a fully rugged package without the use of moving parts, fans or other active cooling devices. When a rugged computer system is required in a rack mount form factor, this computer system provides the functionality and ability to be completely sealed using low power draw. Whether on a naval ship, ground control station, aircraft, vehicle mount, factory, or oil rig – reliable, efficient, and low power consumption computing is essential to mission success from a proven supplier of mission critical computer systems.

ENCLOSURE CONSTRUCTION:

- Aluminum and stainless steel construction
- Component support and restraint for increased structural reliability
- Sealed, hinged, lockable door for elimination of debris intake and security.

WORKSTATION FEATURES:

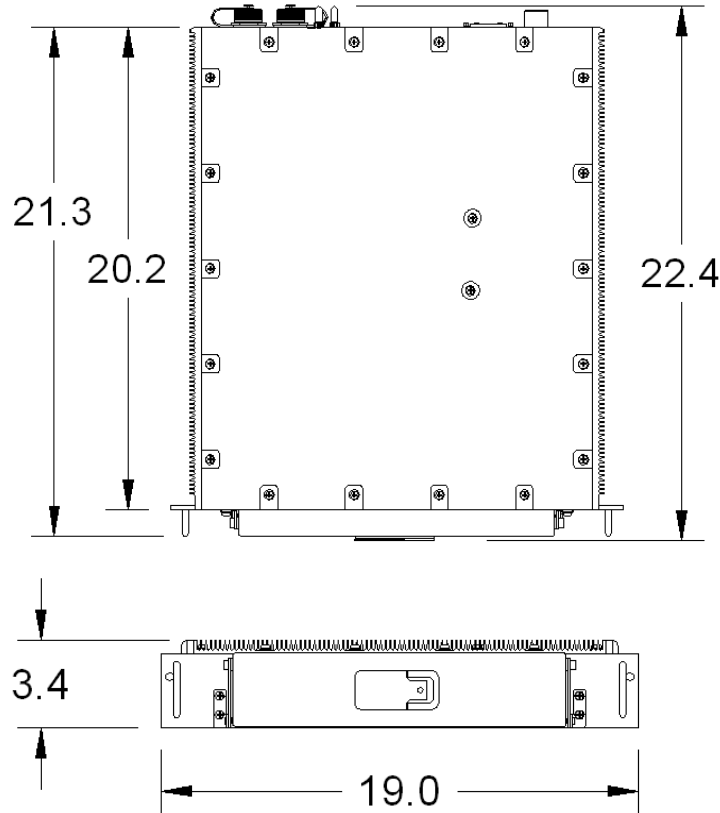
- Fanless design – No moving parts
- Processor: Supports the socket 478MN(MEROM) processor socket for Intel Core 2 Duo
- 2.2GHz or greater Intel Core 2 Duo in base configuration
- Memory: Supports two DDR2 memory socket for a maximum total memory of 4GB in DDR2 memory type 2GB memory standard in base configuration; upgrade options available
- Graphics: Supports dynamic video memory technology (DVMT), which provides 384MB of system memory for general computer usage, plus graphics memory when a 3D-intensive application requests it; Intel GMAX3100 graphics architecture leverages high-performance Intel processor and supports dual independent display technology.
- Disk drive options: Supports up to four removable x 2.5 in SATA based drives (four x 2.5 in SAS drives with optional controller); supports solid state drives 120GB and higher; support for Raid 0 and Raid 1
- I/O Interfaces ports (standard) – (Custom rear I/O available upon customer request): Two (2) Integrated networking: Dual 10/100/1000Mbps LAN controller with two RJ-45 connections
- Integrated audio: ICH8M built-in audio controller + AC97 Codec ALC885 with 7.1 channels, SPDIF-OUT

- USB ports: Four front USB 2.0 ports with video maintenance port
- I/O: Standard rear I/O connection points. Special configurations factory integrated for customer solution
- Network options: Optional network interface cards, including 10BaseFL, 100BaseFX, and 1000Base fiber options (Factory Integrated)
- 120-watt power supply (standard), A/C input range: 120/240 V Standard. DC power supply option: 12 V @ 5 Amps available
- Expansion slots (total): PCI slot x2 (factory-integrated only)
- Dimensions
 - Height: 3.4 inches (2U)
 - Width: 19.0 inches (Fits EIA standard 19 inch rack)
 - Depth: 22.4 inches
 - Weight: +/- 40lbs (Configuration Dependent).

ENVIRONMENTAL:

- Operating Temperature: -5° to +65° C
- Storage Temperature: -25° to +85° C
- 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

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PRECONFIGURED SYSTEMS:

Part Number: FFBAS7000-1

Description: TDR7611R-S, 2.2G, DUO, 2G, 120G FL5H, XP PRO

Summary: TD-R™ 7611R-S Computer System with an Intel® 2.2GHz (or higher) Core 2 Duo; 2GB total memory; Factory installed (removable) 120GB Intel® X.25 Series Solid State Disk Drive; Dual (integrated) Gig-E LAN (copper); Dual 100BaseFX (ST) Fiber NICs, DB25 Out-port for keyboard, mouse and audio; Windows XP Professional.

** Additional configurations are available upon request, to include, but not limited to, drive types and quantities, processor type and speed, memory configurations, I/O panel configurations, and operating system support.

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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.

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