**TD-R™ 3X64R**  
**Rack Mount Computer System**

Hexagon US Federal’s TD-R™ 3X64R series rack-mountable computer systems integrate proven commercial off-the-shelf (COTS) technology, field proven construction, long life cycle component support, and processing power necessary for today’s complex applications.

The TD-R™ 3X64R series system provides trusted mission critical hardware and long life computer architecture. This allows for a same “form-fit-function” replacement for previous generations of TD-R™ rack mount or equivalent computer systems with the simplicity of a one-to-one replacement methodology.

Boasting proven durability to support your requirements in the harshest environments, the TD-R™ series workstations are ideal when conditions demand a truly rugged workstation for land or sea 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: -5° to +50° C
- Storage Temperature: -10° to +70° 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
- Processing: Intel® Core™2 Quad at 2.66GHz or greater
- Front Side Bus: 1333/1066/800MHz
- Memory: DDR2 (667/800MHz) dual channel supporting up to 8GB
- Expansion Slots (total):
  - One (1) PCI Express x16
  - One (1) PCI Express x4 interface (in x16 slot)
  - Four (4) PCI Rev 2.3 Bus Master interface slots
  - One (1) PCI Rev 2.3 Non-Bus Master slot
- Graphics: Integrated Intel® Graphics Accelerator (GMA3100); Optional factory installed PCI-e Matrox® Based graphics accelerator with Dual DVI/Analog interfaces providing long life and proven extreme graphics support by Matrox
- Ethernet: Two integrated ports: One (1) Intel 82573L PCI-E Gigabit Ethernet Controller and One (1) Intel 82566 GigE PHY with RJ-45 connector interface
- Audio: Realtek® ALC888 HD Audio CODEC or equivalent with Line-In, Line-Out, and MIC.
- Ports: Six (6) USB ports (four-rear, two front)
- Storage:
  - Hard Disk: Removable drive bay supporting four 2.5" SATA based hard disks; Available disk drive options include solid state and standard rotational disks; Additional removable disk options available
PRE-CONFIGURED SYSTEMS

Part Number: FFBAS0409
Description: TDR3664R 2.66+ C2-QUAD 2GB 300G XP
Summary: TD-R™ 3664R Computer System win an Intel®
2.66GHz (or higher) Core2™ Quad; 2GB total memory (2x1GB);
Factory installed (removable) 2.5” removable 300+GB (spindle)
SATA hard disk drive; DVD-R/RW Drive; Matrox P690 Graphics;
Windows XP Professional***

Part Number: FFBAS0412
Description: TDR3764R 2.66+ C2-QUAD 2GB 300G XP
Summary: TD-R™ 3664R Computer System win an Intel®
2.66GHz (or higher) Core2™ Quad; 2GB total memory (2x1GB);
Factory installed (removable) 2.5” removable 300+GB (spindle)
SATA hard disk drive; DVD-R/RW Drive; Matrox P690 Graphics;
Windows 2008 Server 5 CAL***

Part Number: FFBAS0443
Description: TDR3664R 2.66+ C2-QUAD 2GB 120G SSD XP
Summary: TD-R™ 3664R Computer System win an Intel®
2.66GHz (or higher) Core2™ Quad; 2GB total memory (2x1GB);
Factory installed (removable) 2.5” removable 120GB Intel®
Solid State Disk Drive; DVD-R/RW Drive; Matrox P690 Graphics;
Windows XP Professional***

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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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