

RES Trust XR6 1U *BuiltSECURE™**20" Deep, 4 Drive, Rear I/O Rugged Rackmount Server*

- **RoT enforced boot and configuration management**
- **Cyber-resilient BIOS, composable security features**
- **Dual Intel Xeon Gold 6238T Scalable processors up to 22 cores**
- **Field-proven, approved design**
- **Compliant with commercial and defense environmental resilience standards**
- **Designed, tested and manufactured in the U.S.**

**Technical Specifications**

Dual Intel® Xeon® Scalable processors; SKU options:

Gold 6238T (22 core, 1.9 GHz, 125 W)

3 UPI links up to 10.4 GT/s

192 GB DDR4-2400 MHz or higher memory (growth up to 768 GB)

Intel® Trusted Execution Technology (TXT) with integrated TPM 2.0

Management and Operating System

BIOS: Mercury-specialized and supported

IPMI 2.0 management; optional remote management module

Red Hat® Enterprise Linux® v7 support

Secure hypervisor and Linux options

BuiltSECURE™ Embedded Framework

Built-in composable security feature set options

Expansion and Modular Maintainability

Up to 2 x16 PCIe cards, Gen 3.0, full-height, half-length

8 internal hotplug-capable SATA 3 ports (one consumed by optional optical drive)

SAS3, U.2 NVMe storage with RAID option available via PCIe

3 fixed fans (2-piece cover facilitates replacement in-situ)

Power Supply Options

Single 550 W power supply 90-264 VAC (47/63 Hz)

Environmental***Operating**

Temperature: 0°C to 50°C, configuration dependent

Humidity: 5% to 95% (non-condensing)

Shock: 3 axis, 35 g, 25 ms

Vibration: 4.76 Grms, 4 Hz to 2000 Hz (SSD)

Non-Operating

Temperature: -40°C to 75°C

Humidity: 5% to 95% (non-condensing)

Additional Options

Shock Pins

Front Door Filter

Slide Rails/Brackets / Shelf System

Cable Accessories

Tamper-Evidence Features

Mechanical

Height: 1U or 1.75" (44.45 mm)

Width: 17.2" (436.9 mm)

Depth: 20" (508 mm)

Weight (Typical)*: 26.5 lb (12 kg)

19" rackmountable

* Mercury Systems designs all products to meet or exceed listed data sheet specifications. Some specifications including I/O profiles, weight and thermal profiles are configuration dependent. Contact Mercury for information specific to your desired configuration requirements.

Mercury Systems is a leading commercial provider of secure sensor and safety-critical processing subsystems. Optimized for customer and mission success, Mercury's solutions power a wide variety of critical defense and intelligence programs.



ACQUIRE



DIGITIZE



PROCESS



STORAGE



EXPLOIT



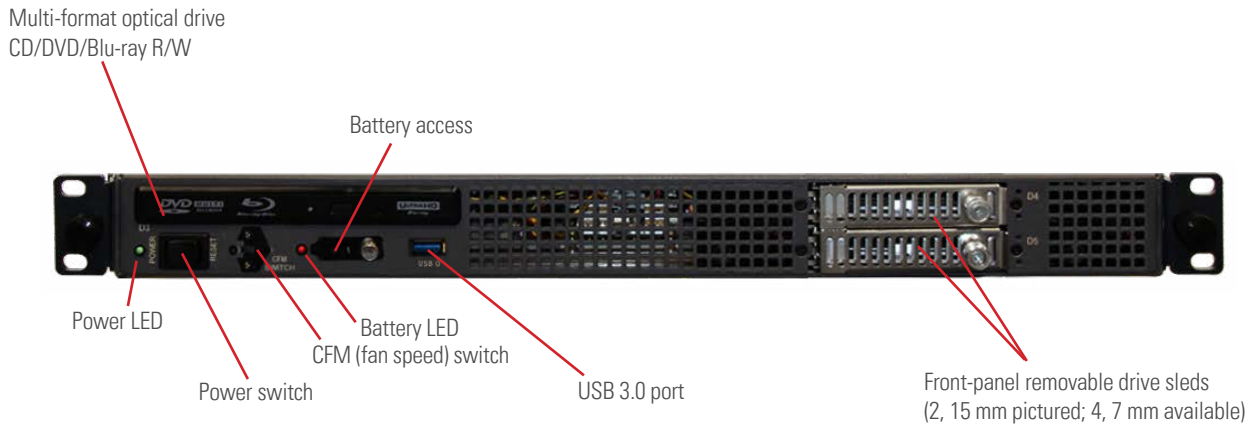
DISSEMINATE

Custom Expertise

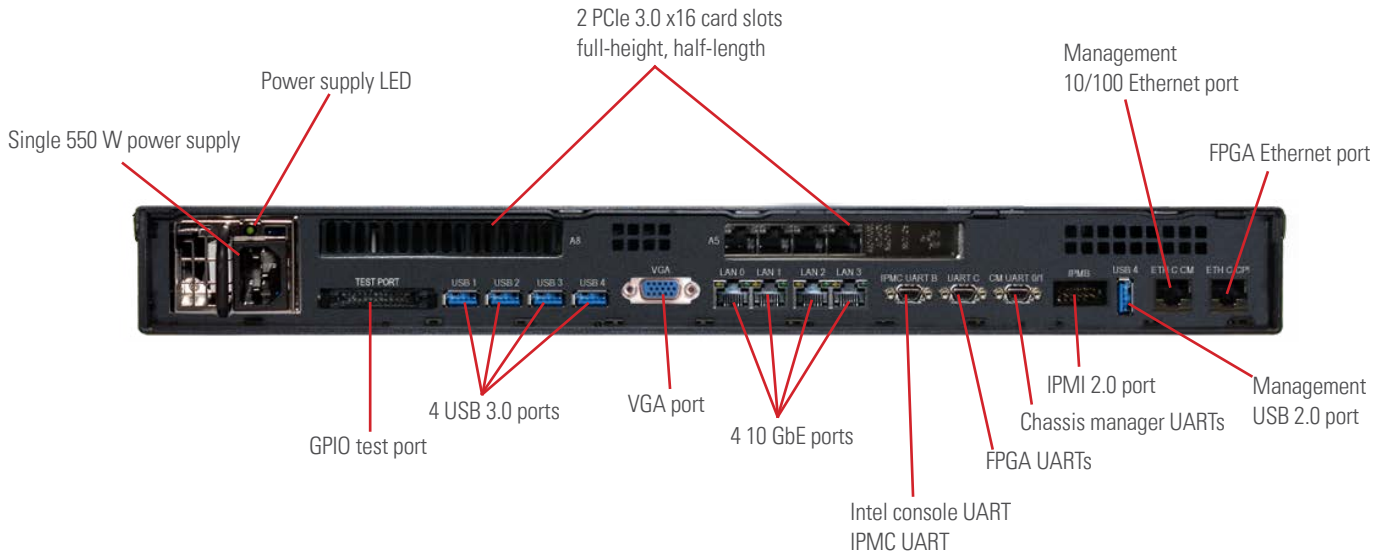
For tailor-made systems with specific security and environmental requirements, email servers@rcy.com

Input/Output Versatility

Front View



Rear View



Innovation That Matters, and Mercury Systems are trademarks of Mercury Systems, Inc. Other product and company names mentioned may be trademarks and/or registered trademarks of their respective holders. Mercury Systems, Inc. believes this information is accurate as of its publication date and is not responsible for any inadvertent errors. The information contained herein is subject to change without notice.

Copyright © 2021 Mercury Systems, Inc.

6583.01E-0820-DS-RETRUSTXR61UVBS

mercury

INNOVATION THAT MATTERS™

MERCURY SYSTEMS

50 Minuteman Road • Andover, MA 01810 USA
(978) 967-1401 • Fax (978) 967-3330

MERCURY SYSTEMS INTERNATIONAL

Regus Center, 26 Avenue Jean Kuntzmann
Montbonnot • 38330 France
+33 608 419949