

RES Trust XR5 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 E5-2600 v4 processors up to 14 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® E5-2600 v4 processors; SKU options:

E5-2618L v4 (10 core, 2.2G Hz, 75 W)

E5-2648L v4 (14 core, 1.8G Hz, 75 W)

2 QPI up to 8 GT/s

Up to 128 GB DDR4 up to 2400 MHz memory

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

Management and Operating System

BIOS: Mercury-specialized and supported

Cyber-resilient baseboard management controller

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 PCIe 3.0 x16 cards, half-height half-length

3 fixed fans

Power Supply Options

Single 550 W AC power supply 90-264 VAC (47/63 Hz, 8-4 Amps)

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

Compatible slide rails and brackets/ shelf system

Cable accessories

Tamper-evidence features

Mechanical

Height: 1U or 1.75" (44.45 mm)

Width: 17" (433.3 mm)

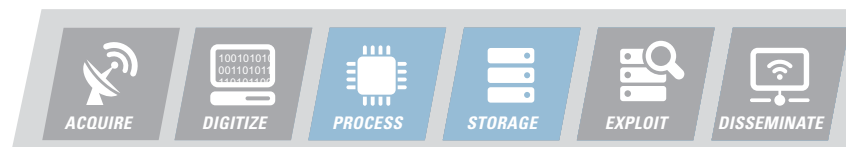
Depth: 20" (508 mm)

Weight (Typical)*: 26.3 lb (11.9 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.

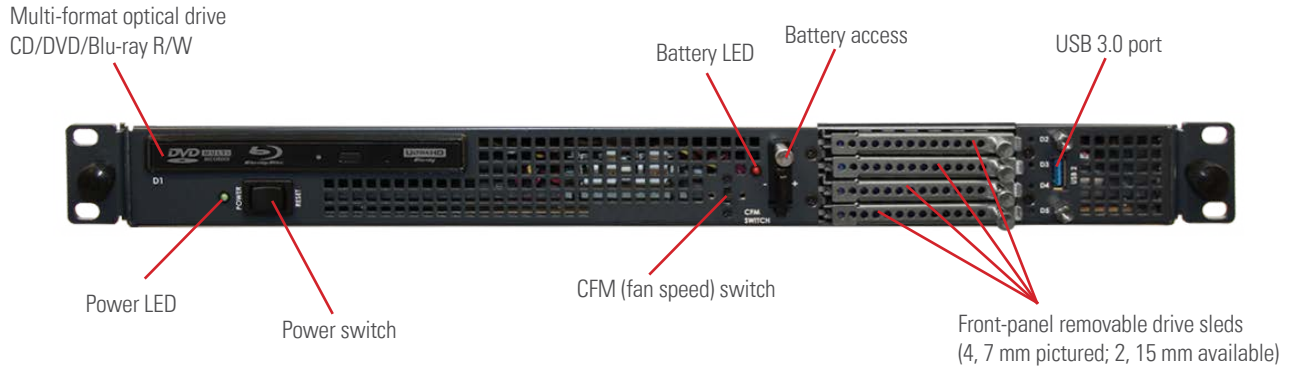


Custom Expertise

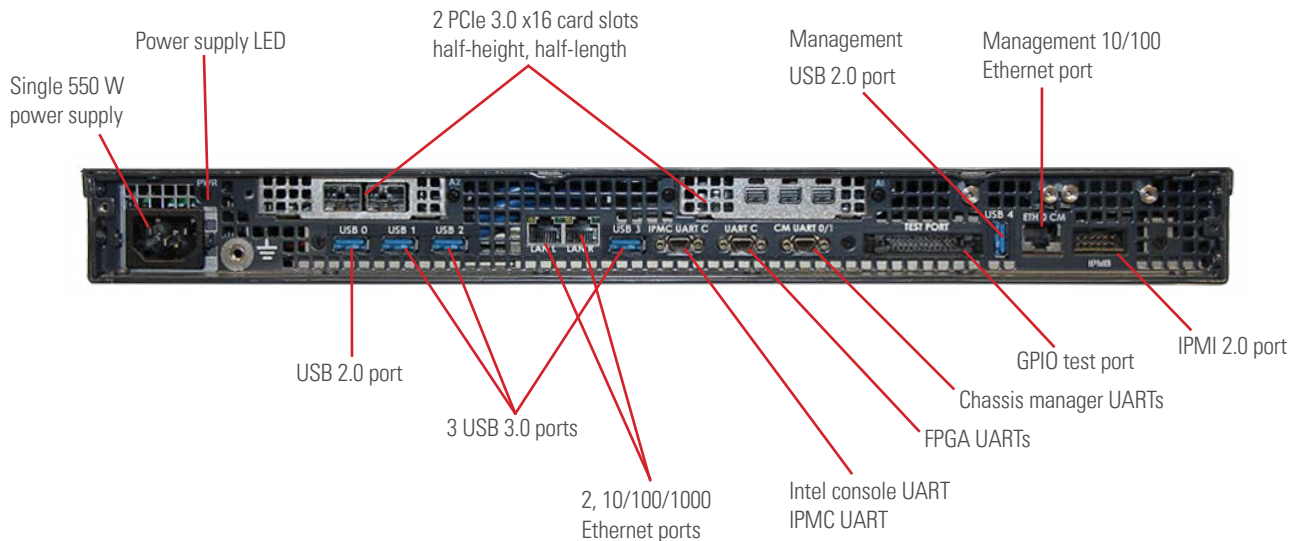
For tailor-made systems with specific security and environmental requirements, email servers@mrcy.com

Input/Output Versatility

Front View



Rear View



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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