

RESX07-1U17R

17" Deep, Rear I/O Rugged Rack Server

Low-latency,
high-throughput
rugged rack server

- Single Intel® 3rd generation Xeon® Scalable processor up to 32 cores
- Designed, tested and manufactured in the U.S.
- Configurable - up to 3 expansion slots
- NVMe storage – up to 4, 2.5" NVMe SSDs



TECHNICAL SPECIFICATIONS

Single Intel 3rd generation Xeon Scalable processor

8 DIMM slots, supporting DDR4-3200 MHz

Intel Trusted Execution Technology (TXT) with integrated TPM 2.0

Management and Operating System

Windows, Linux OS

IPMI 2.0 management

VMware support

Expansion and Modular Maintainability

Up to 3 PCIe expansions slots

- Slot 1: PCIe gen 4.0 single-width x16 FHFL, up to 9"
- Slot 2: PCIe gen 4.0 single-width x16 FHFL, up to 9"
- Slot 3: PCIe gen 4.0 single-width x16 HHHH, up to 6.6"

Up to 4 slim NVMe drives or 4 slim SATA drives

1 NVMe M.2 slot

Power Supply Options

Single or Redundant 100/240V VAC (47/63 Hz, 400 Hz)

Single or Redundant 10-36 VDC, 32 amps

Single or Redundant 36-72 VDC, 18 amps

MIL-STD-461

Environmental*

[Rugged Level 1 Standards](#)

Additional Options

Slide rails

Mechanical

Height: 1U or 1.75" (44.45 mm)

Width: 17" (431.8 mm)

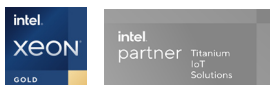
Depth: 16.98" (431.3 mm) from front to back, 16.74" (425.2 mm) from ear to back

Weight (Typical)*: 18 lb

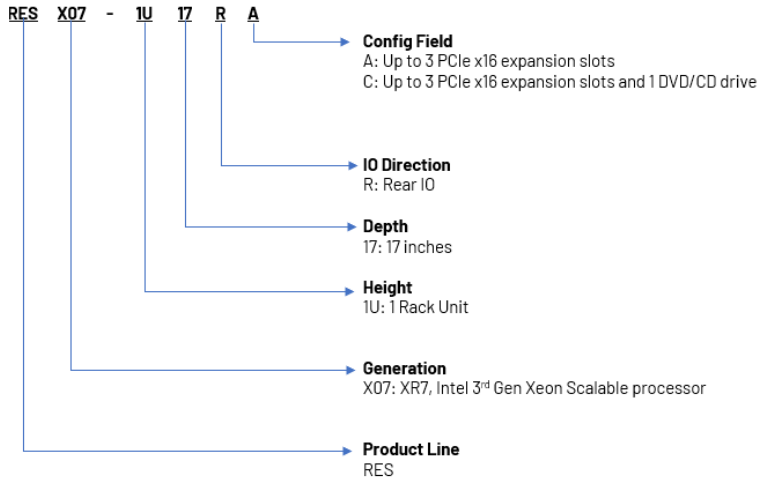
19" rackmountable

* 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.

Partnering with



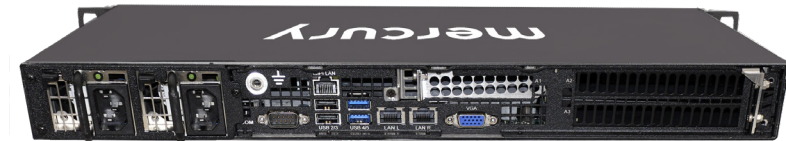
Product Naming Chart



RESX07-1U17RA



Front View



Rear View



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