



Xitrix® PowerFrame™ R-130

1U rack-optimized server system delivering highly integrated solutions for cost-sensitive customers

Xitrix® PowerFrame™ R-130 Entry-level server platforms featuring the all new Intel Xeon E-2100 Series processor product family are ideal for value-conscious companies looking for their first server or a robust and affordable alternative to desktop system used as a server. Built with advanced security features, this system is designed for 24/7 dependability and improve business productivity with industry leading performance. They are easy to set up and manage, and are ideal for use in secure data storage, file sharing, print and web services, and collaborative applications.

Intel® Xeon® processor E-2100 Series

Improvements in processor speed, enhanced memory capabilities, hardware-enhanced security, and reliability all with support for the latest Intel® processor technology, the Intel® Xeon® E-2100 processor delivers a significant impact, especially compared with hardware that is just a few years old. With up to a 39% overall performance increase, compared to a 2017 Intel® Xeon® E3-1200 V6 processor, the Intel® Xeon® E-2100 processor delivers performance to manage today's most demanding entry workloads. The Intel® Xeon® E-2100 processor supports up to 3.8 GHz base frequency with Intel® Turbo Boost Technology 2.0 frequency up to 4.7 GHz.

24x7 Dependability

PowerFrame™ R-130 Servers based on the Intel Xeon processor E-2100 product family are designed for continuous operation to keep your business up and running at all times. features, such as efficient power supplies, ECC Memory and quiet chassis options, increase system reliability.

Advanced Data Protection with ECC Memory

Avoid business interruptions with automatic data checking for errors, providing increased reliability for the storage of your business data and execution of your critical workloads. Intel® Xeon® E-2100 processor supports DDR4 memory speeds up to 2666 MHz

Stay Ahead of Data Center Demands with Enterprise SSD

Meet heavy 24/7 workload demands with Enterprise SSDs, optimized for server and data center environments. Experience a consistent level of performance with superb endurance, low latency and high-level Quality of Service (QoS). These powerful SSDs also provide enterprise-grade power-loss protection and low power consumption.

Intel® Rapid Storage Technology (Intel® RST)

Protect your critical business information with redundant storage capabilities that allow quick recovery in the event of a hard drive failure

Key Features:

- Supports Single Intel® Xeon™ E-2100 Series Processors; Up to 6 Core and 12 Threads
- Supports Up to 64GB ECC DDR4 2666MHz System Memory
- Two Hot Swappable 2.5inch SSD Drives with Up to 10TB internal 3.5inch Drive
- Dual Intel® Gigabit Server LAN with Teaming function; Supports PXE; LAN1 supports NCSI
- Dedicated 1GB Management Port with IPMI 2.0

Technical Specification

Processors	The PowerFrame™ R-130 is equipped with a Single Socket Multi-Core Intel® Xeon® E-2100 series Processors Supports up to 6 Cores and 12Threads	
Core Chipset	Intel® C242 Server Chipset	
Supported Operating System	Microsoft® Windows® Server 2016 (64 bit) Linux - RedHat Enterprise Linux Server 6.9 (64 bit) / 7.4 (64 bit) - SUSE Enterprise Linux Server 11 SP4 (64 bit) / 12 SP3 (64 bit) - Ubuntu 15.10 (64 bit) / 16.04 (64 bit) *Please refer to our website for the latest OS support list.	
System Memory	4 DIMMs sockets supporting up to 64GB of Unbuffered ECC DDR4 memory Supported memory type: Two Channel Native 2133MHz/2444MHz/2666MHz	
Hard Drive Controller	Intel® C242: 6x SATA3 6Gb/s (SATA0-5, SATA0 supports SATA DOM, and is shared with M.2(PCIE3.0(x2)))/ SATA3)	
Hard Drives	Up to one 3.5inch 10TB Enterprise SATA Drive 7200 RPM Up to Two 2.5inch Enterprise SSD Drive Up to 2 Hot Swappable 2.5inch SATA / SSD Drive	
Chassis	1U Fixed Hard Drive Chassis Two Fixed 2.5inch SATA / SSD Hard Drive or One Fixed 3.5inch SATA /SSD and One Fixed 2.5inch Drive	1U Chassis with Two Hot Swappable Drive Bays Two Hot Swappable 2.5inch SATA / SSD Drives One Fixed 3.5inch SATA / SSD Drive
RAID Features	Integrated SATA SW RAID levels 0/1/10 SW RAID Options Intel® RSTe SATA RAID 0/1/10/5 Optional validated RAID Controllers	
Optical Drive	Optional 8x DVD±R ± RW Drive w/dbl layer write capability	
Network Controller	Embedded Dual Intel® i210 Dual Gigabit Controller and and Dedicated 1 GbE management port with - Watch Dog and NMI Supports Dual LAN with Teaming function; Supports PXE; LAN1 supports NCSI Optional Intel® 10 Gigabit Dual Port Server Adapter via Add on Card	
PCI Slots	One x8 PCI Express* Gen 3 PCI riser slot capable of supporting a low-profile PCI Express* add-in card which consumes power less than 15W	
Graphics	Integrated graphics; Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz	
Input / Output	Four USB 3.0 Ports Two Front USB 2.0 Ports 2 LAN Ports 1 Dedicated Gigabit Port for Management 1 VGA Port, Serial Port, System status LED, Hard-drive activity LED, Power LED	
Chassis	1U Rack-Mount Server 381 x 482.6 x 44.4 mm (15" x 19" x 1.75")	
Power Supply	315-watt, non-redundant High Efficiency 80plus PFC Power Supply	
System Cooling	Supports 40 x 28 mm PWM Fan x 3	
Management Hardware	Integrated IPMI 2.0 with KVM and Dedicated LAN	
Server Software	Built in System Management Software	
Standard Warranty and Service Offerings	Service Offerings 3-Year Limited Parts Warranty & Technical Support Policy; 1-Year Next Business Day On-site Service Optional 3 Years Next Business Day on-site	

Intel® Turbo Boost Technology requires a server with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software, and overall system configuration.

Intel® Hyper-Threading Technology (Intel® HT Technology) requires a system with a processor supporting Intel HT Technology and an Intel HT Technology-enabled chipset, BIOS, and operating system. Performance will vary depending on the specific hardware and software you use. For more information including details on which processors support Intel HT Technology, see www.intel.com/info/hyperthreading.

With up to a 39% overall performance increase, compared to a 2017 Intel® Xeon® E3-1200 V6 processor." Tested at Intel Corp from 9/26/2018 to 10/12/2018. 1x Intel® Xeon® E-2186G processor, Platform

©2019 Xitrix Computer Corporation. Xitrix, the Xitrix logo, PowerFrame™ are registered trademarks of Xitrix Computer Corporation. Intel, the Intel inside logo, Xeon™ are registered trademarks or trademarks of Intel Corporation. Microsoft® and Windows™ are registered trademarks of Microsoft Corporation. Other trademarks or trade names may be used in this document to refer to either the entities claiming the marks and names of their products. Xitrix disclaims propriety interest in the marks and names of others. All efforts will be made to check for errors in typography; however inadvertent errors may occur for which Xitrix may not be responsible.