

R4U24 4U RACKMOUNT SYSTEM

COMING
SOON!

Quick Info

Processor: Up to 6th Gen Intel® Core and Xeon®

Memory: Up to 64GB DDR4 or 512GB DDR3

Slots: Up to 4 PCIe x16 and 2 PCIe x8

Bays: 8x 5.25", 4x 3.5", Hot-Swap options

Power: 700W with redundant options

Customization optional

DFI TECH's line of rugged 4U industrial-grade rackmount computers are designed to fulfill your needs in applications requiring a high degree of versatility and a wide range of computing and I/O options. Built with power supply configurations for both standard and redundant operation, Optical/Hard Disk/Solid State Disk drives in both fixed and removable mounts, and an extensive range of expansion capabilities, they provide long-term availability and configuration/customization flexibility in the harshest operating environments. Designed to be "fit-for-use" in applications involving industrial automation, military & government, machine vision, robotics, simulation, communications and many other areas, these systems provide the reliability, quality and consistency you need to exceed all expectations.



R4U24 SPECIFICATIONS



	R4U24 610	R4U24 532	R4U24 530
Construction:	Heavy Duty Cold Rolled Electroplated Steel	Heavy Duty Cold Rolled Electroplated Steel	Heavy Duty Cold Rolled Electroplated Steel
Main Board:	RL830-C604*	SD631-C236*	SD630-H110*
Processors:	3rd Generation Intel® Xeon® Processors, Dual LGA2011 Sockets	6th Generation Intel® Core™ and Xeon® Processors, LGA1151 Socket	6th Generation Intel® Core™ Processors, LGA1151 Socket
Chipset:	Intel® C604	Intel® C236	Intel® H110
Memory:	16x 240-pin DIMM up to 512GB Quad Channel DDR3 800/1066/1333/1600MHz - Supports RDIMM, LV-RDIMM, UDIMM with ECC/non-ECC, LR-DIMM	4x 288-pin ECC DIMM up to 64GB Dual Channel DDR4 1866/2133MHz	2x 240-pin DIMM up to 16GB Dual Channel DDR3L 1600MHz
Graphics:	Aspeed AST 1400	Intel® HD Gen 9	Intel® HD Gen 9
Graphics Ports:	1xVGA	1xVGA 1x DVI (DVI-D signal) 1x HDMI	1xVGA 1x DVI (DVI-D signal) 1x HDMI
Expansion:	7x Rear Slots for: 4x PCIe x16 (Gen 3) 2x PCIe x8 (Gen 3)	7x Rear Slots for: 2x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3) 2x PCIe x4 (Gen 3) 3x PCI	7x Rear Slots for: 1x PCIe x16 (Gen 3) 1x PCIe x4 (Gen 2) 5x PCI
Audio:	N/A	Realtek ALC888S-VD2-GR	Realtek ALC888S-VD2-GR
Ethernet Controller:	1x Intel® 82580 PCIe	1x Intel® I210AT PCIe (10/100/1000Mbps) 1x Intel® I219LM PCIe with iAMT 11.0 (10/100/1000Mbps) (only Core i7/i5 supports iAMT)	1x Intel® I210AT PCIe (10/100/1000Mbps) 1x Intel® I219V PCIe (10/100/1000Mbps)
Ethernet Ports:	4x GbE (RJ-45)	2x GbE (RJ-45)	2x GbE (RJ-45)
USB Ports:	4x USB 2.0 (rear) 2x USB 2.0 (front)	4x USB 3.0 (rear) 2x USB 2.0 (rear) 2x USB 2.0 (front)	4x USB 3.0 (rear) 2x USB 2.0 (rear) 2x USB 2.0 (front)
Serial Ports:	1x RS-232 (DB-9)	1x RS-232/422/485 (DB-9)	1x RS-232/422/485 (DB-9)
PS/2 Ports:	N/A	1x PS/2 (mini-DIN-6)	1x PS/2 (mini-DIN-6)
Audio Ports:	N/A	1x Line-in (available upon request) 1x Line-out 1x Mic-in	1x Line-in (available upon request) 1x Line-out 1x Mic-in
SATA:	2x SATA 3.0 (up to 6Gb/s) RAID 0/1/5/10 8x SATA 2.0 (up to 3Gb/s) RAID 0/1/5/10	6x SATA 3.0 (up to 6Gb/s) RAID 0/1/5/10	4x SATA 3.0 (up to 6Gb/s)
Drive Bays:	8x 5.25" (can be equipped with Hot Swap for 1x 3.5" or 4x 2.5" drives) 4x 3.5" (can be equipped with Hot Swap for 1x 2.5" drive)	8x 5.25" (can be equipped with Hot Swap for 1x 3.5" or 4x 2.5" drives) 4x 3.5" (can be equipped with Hot Swap for 1x 2.5" drive)	8x 5.25" (can be equipped with Hot Swap for 1x 3.5" or 4x 2.5" drives) 4x 3.5" (can be equipped with Hot Swap for 1x 2.5" drive)
Power:	700W, 80PLUS Platinum 550W, Hot Swappable, Redundant (optional)	700W, 80PLUS Platinum 550W, Hot Swappable, Redundant (optional)	700W, 80PLUS Platinum 550W, Hot Swappable, Redundant (optional)
Cooling:	3x 120mm, 90CFM Fans	3x 120mm, 90CFM Fans	3x 120mm, 90CFM Fans
OS Support:	Windows 7 Ultimate x86 & SPI Windows 7 Ultimate x64 & SPI Windows 8 Enterprise x86 Windows 8 Enterprise x64 Windows 8.1 Enterprise x86 Windows 8.1 Enterprise x64 Windows Server 2008 x86 Windows Server 2008 x64 Windows Server 2008 R2 x64 Windows Server 2012 x64	Windows 7 Windows 8.1 Windows 10 Debian 8 CentOS 7 Ubuntu 15.10	Windows 7 Windows 8.1 Windows 10 Debian 8 CentOS 7 Ubuntu 15.10
Dimensions (WxHxD):	483mm x 177mm x 624mm (19" x 7" x 24.5")	483mm x 177mm x 624mm (19" x 7" x 24.5")	483mm x 177mm x 624mm (19" x 7" x 24.5")
Operating Temperature:	0 to 60°C (-20 to 70°C optional)	0 to 60°C (-20 to 70°C optional)	0 to 60°C (-20 to 70°C optional)

* Consult factory for backplane-based options

Copyright © 2016, DFI Technologies, LLC. All product names, company names are trademarks of their respective companies. All specifications, pictures and prices are subject to change without prior notice. OEM customers with long-term supply agreements and revision control agreements will be notified. V20160824