

R4U18

4U RACKMOUNT SYSTEM

COMING
SOON!

Quick Info

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

Memory: Up to 64GB DDR4

Slots: Up to 2 PCIe x16 and 2x PCIe x4

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.



R4U18 SPECIFICATIONS



| | R4U18 532 | R4U18 530 |
|-------------------------------|---|---|
| Construction: | Heavy Duty Cold Rolled Electroplated Steel | Heavy Duty Cold Rolled Electroplated Steel |
| Main Board: | SD631-C236* | SD630-H110* |
| Processors: | 6th Generation Intel® Core™ and Xeon® Processors, LGA1151 Socket | 6th Generation Intel® Core™ Processors, LGA1151 Socket |
| Chipset: | Intel® C236 | Intel® H110 |
| Memory: | 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: | Intel® HD Gen 9 | Intel® HD Gen 9 |
| Graphics Ports: | 1xVGA 1x DVI (DVI-D signal) 1x HDMI | 1xVGA 1x DVI (DVI-D signal) 1x HDMI |
| Expansion: | 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: | Realtek ALC888S-VD2-GR | Realtek ALC888S-VD2-GR |
| Ethernet Controller: | 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: | 2x GbE (RJ-45) | 2x GbE (RJ-45) |
| USB Ports: | 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-232/422/485 (DB-9) | 1x RS-232/422/485 (DB-9) |
| PS/2 Ports: | 1x PS/2 (mini-DIN-6) | 1x PS/2 (mini-DIN-6) |
| Audio Ports: | 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: | 6x SATA 3.0 (up to 6Gb/s) RAID 0/1/5/10 | 4x SATA 3.0 (up to 6Gb/s) |
| Drive Bays: | 3x 5.25" (can be equipped with Hot Swap for 1x 3.5" or 4x 2.5" drives) 1x 3.5" (can be equipped with Hot Swap for 1x 2.5" drive) | 3x 5.25" (can be equipped with Hot Swap for 1x 3.5" or 4x 2.5" drives) 1x 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) |
| Cooling: | 2x 92mm, 51CFM, Hot Swappable Fans | 2x 92mm, 51CFM, Hot Swappable Fans |
| OS Support: | 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 451mm (19" x 7" x 17.8") | 483mm x 177mm x 451mm (19" x 7" x 17.8") |
| Operating Temperature: | 0 to 60°C (-20 to 70°C optional) | 0 to 60°C (-20 to 70°C optional) |

* Consult factory for backplane-based options