

Rubrik Standard Flash Appliance Specifications



Rubrik r6304s
Small Environments



Rubrik r6404s
Growing Environments



Rubrik r6408s
Enterprise Environments



Rubrik r6410s
Large-scale Environments



Rubrik r6412s
Large-scale Environments



Rubrik r6416s
Large-scale Environments



Rubrik r6420s
Large-scale Environments



Rubrik r6408f
Higher Security Standards



Rubrik r6416f
Higher Security Standards

APPLIANCE SPECIFICATIONS

| Model | r6304s ¹ | r6404s ¹ | r6408s ¹ | r6410s ¹ | r6412s ¹ | r6416s ¹ | r6420s ¹ | r6408f | r6416f |
|------------------------------|---|---|---|---|---|---|---|---|---|
| CPU | 3 × 10-Core x86 2.2 GHz | 4 × 10-Core x86 2.2 GHz | 4 × 10-Core x86 2.2 GHz | 4 × 10-Core x86 2.2 GHz | 4 × 10-Core x86 2.2 GHz | 4 × 10-Core x86 2.2 GHz | 4 × 10-Core x86 2.2 GHz | 4 × 10-Core x86 2.2 GHz | 4 × 10-Core x86 2.2 GHz |
| Memory | 192GB DDR4 | 256GB DDR4 | 384GB DDR4 | 384GB DDR4 | 384GB DDR4 | 384GB DDR4 | 384GB DDR4 | 384GB DDR4 | 384GB DDR4 |
| Storage | 9 × 4TB HDD | 12 × 4TB HDD | 12 × 8TB HDD | 12 × 10TB HDD | 12 × 12TB HDD | 12 × 16TB HDD | 12 × 20TB HDD | 12 × 8TB HDD ² | 12 × 16TB HDD ² |
| | 3 × 400GB SSD | 4 × 400GB SSD | 4 × 400GB SSD | 4 × 400GB SSD | 4 × 400GB SSD | 4 × 400GB SSD | 4 × 400GB SSD | 4 × 400GB SSD ² | 4 × 400GB SSD ² |
| Network Connections | 3 Dual-Port x 10GbE/25GbE (data) ³ | 4 Dual-Port x 10GbE/25GbE (data) ³ | 4 Dual-Port x 10GbE/25GbE (data) ³ | 4 Dual-Port x 10GbE/25GbE (data) ³ | 4 Dual-Port x 10GbE/25GbE (data) ³ | 4 Dual-Port x 10GbE/25GbE (data) ³ | 4 Dual-Port x 10GbE/25GbE (data) ³ | 4 Dual-Port x 10GbE/25GbE (data) ³ | 4 Dual-Port x 10GbE/25GbE (data) ³ |
| | 3 Dual-Port x 10GbE or 1GbE (mgmt) | 4 Dual-Port x 10GbE or 1GbE (mgmt) | 4 Dual-Port x 10GbE or 1GbE (mgmt) | 4 Dual-Port x 10GbE or 1GbE (mgmt) | 4 Dual-Port x 10GbE or 1GbE (mgmt) | 4 Dual-Port x 10GbE or 1GbE (mgmt) | 4 Dual-Port x 10GbE or 1GbE (mgmt) | 4 Dual-Port x 10GbE or 1GbE (mgmt) | 4 Dual-Port x 10GbE or 1GbE (mgmt) |
| | 3 × 1GbE (IPMI) | 4 × 1GbE (IPMI) | 4 × 1GbE (IPMI) | 4 × 1GbE (IPMI) | 4 × 1GbE (IPMI) | 4 × 1GbE (IPMI) | 4 × 1GbE (IPMI) | 4 × 1GbE (IPMI) | 4 × 1GbE (IPMI) |
| Useable Capacity (TB) | 11.2 | 30 | 60 | 75 | 90 | 120 | 150 | 60 | 120 |

¹Software-based encryption included, ²FIPS 140-2 Level 2 self-encrypting drive, ³Available in SFP+ 10GbE/25GbE or 10GbE

PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

| Model | r6304s | r6404s | r6408s | r6410s | r6412s | r6416s | r6420s | r6408f | r6416f |
|---|--|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Dimensions | 2U Rackmount Height: 3.5" (88mm) Width: 17.6" (447mm) Depth: 30.5" (775mm) | | | | | | | | |
| Weight Net Weight includes HDD/SSDs. Gross Weight includes packaging and rails. | Gross Weight: 102.0 lbs (46.2 kg) | Gross Weight: 113.0 lbs (51.3 kg) | Gross Weight: 115.0 lbs (52.0 kg) | Gross Weight: 115.0 lbs (52.0 kg) | Gross Weight: 116.0 lbs (53.0 kg) | Gross Weight: 116.0 lbs (53.0 kg) | Gross Weight: 116.0 lbs (53.0 kg) | Gross Weight: 115.0 lbs (52.0 kg) | Gross Weight: 116.0 lbs (53.0 kg) |
| | Net Weight: 75.0 lbs (34.0 kg) | Net Weight: 86.0 lbs (39.0 kg) | Net Weight: 88.0 lbs (39.9 kg) | Net Weight: 88.0 lbs (39.9 kg) | Net Weight: 89.0 lbs (40.7 kg) | Net Weight: 89.0 lbs (40.7 kg) | Net Weight: 89.0 lbs (40.7 kg) | Net Weight: 88.0 lbs (39.9 kg) | Net Weight: 89.0 lbs (40.7 kg) |
| System Cooling | 4 × 8 cm heavy duty PWM fans with optimal fan speed control | | | | | | | | |
| Operating Environment | Op Temp: 10°C to 35°C (50°F to 95°F), Non-Op Temp: -40°C to 70°C (-40°F to 158°F), Op Humidity (non-condensing): 8% to 90%, Non-Op Humidity (non-condensing): 5% to 95% | | | | | | | | |
| Power Supply | 1200-2090W @ 100-240V / 14-9.8A, 50-60Hz Dual Supply for Redundancy/Hot-Pluggable | | | | | | | | |
| Max Power Consumption | 836 Watts | 1023 Watts | 985 Watts | 985 Watts | 985 Watts | 985 Watts | 985 Watts | 985 Watts | 985 Watts |
| Max Thermal Dissipation | 2853 BTU/hour | 3490 BTU/hour | 3361 BTU/hour | 3361 BTU/hour | 3361 BTU/hour | 3361 BTU/hour | 3361 BTU/hour | 3361 BTU/hour | 3361 BTU/hour |
| Operating Requirements | Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz | | | | | | | | |

MODEL NAMING CONVENTION

