

# Rubrik Standard Flash Appliance Specifications

## Rubrik Cloud Data Management Platform



**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 r6408f**  
Higher Security Standards



**Rubrik r6416f**  
Higher Security Standards

### APPLIANCE SPECIFICATIONS

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

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

### PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

Model	r6304s	r6404s	r6408s	r6410s	r6412s	r6416s	r6408f	r6416f
<b>Dimensions</b>	2U Rackmount    Height: 3.5" (88mm)    Width: 17.6" (447mm)    Depth: 30.5" (775mm)							
<b>Weight</b> 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: 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: 88.0 lbs (39.9 kg)	Net Weight: 89.0 lbs (40.7 kg)
<b>System Cooling</b>	4 x 8 cm heavy duty PWM fans with optimal fan speed control							
<b>Operating Environment</b>	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%							
<b>Power Supply</b>	1200-2090W @ 100-240V / 14-9.8A, 50-60Hz Dual Supply for Redundancy/Hot-Pluggable							
<b>Max Power Consumption</b>	836 Watts	1023 Watts	985 Watts	985 Watts	985 Watts	985 Watts	985 Watts	985 Watts
<b>Max Thermal Dissipation</b>	2853 BTU/hour	3490 BTU/hour	3361 BTU/hour	3361 BTU/hour	3361 BTU/hour	3361 BTU/hour	3361 BTU/hour	3361 BTU/hour
<b>Operating Requirements</b>	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz							

### MODEL NAMING CONVENTION

