

FlashStation/  
DiskStation/  
RackStation

	FS/XS(+) Series										Plus Series			
	FS3017	FS2017	FS1018	RS18017xs+	RS4017xs+	RS3617xs+	RS3618xs	RS3617RPxs	RS1619xs+	DS3617xs	DS3018xs	RS2818RP+	RS2418+/RS2418RP+	
Performance (MB/s) <sup>(1)</sup>	Read: 6032.79 MB/s <sup>(6)</sup> Write: 3927.48 MB/s	Read: 4680.20 MB/s <sup>(6)</sup> Write: 3105.56 MB/s	Read: 2350.52 MB/s <sup>(6)</sup> Write: 1056.10 MB/s	Read: 5534.62 MB/s <sup>(6)</sup> Write: 2564.92 MB/s	Read: 6221.77 MB/s <sup>(6)</sup> Write: 2668.49 MB/s	Read: 5570.15 MB/s <sup>(6)</sup> Write: 2022.05 MB/s	Read: 4338.10 MB/s <sup>(6)</sup> Write: 2022.89 MB/s	Read: 4380.55 MB/s <sup>(6)</sup> Write: 2022.20 MB/s	Read: 1523.02 MB/s <sup>(6)</sup> Write: 959.47 MB/s	Read: 2359.10 MB/s <sup>(6)</sup> Write: 2021.93 MB/s	Read: 2320.27 MB/s <sup>(6)</sup> Write: 950.25 MB/s	Read: 1733.58 MB/s <sup>(6)</sup> Write: 687.41 MB/s	Read: 1729.72 MB/s <sup>(6)</sup> Write: 682.78 MB/s	
CPU Frequency	2 x Six Core 2.4 GHz	Eight Core 2.1 turbo up to 2.7 GHz	Dual Core 2.2 GHz up to 2.6 GHz	Six Core 2.2 GHz up to 2.7 GHz	Eight Core 2.1 turbo up to 2.7 GHz	Six Core 2.2 turbo up to 2.7 GHz	Quad Core 2.4 turbo up to 2.7 GHz	Quad Core 2.4 turbo up to 2.7 GHz	Quad Core 2.2 turbo up to 2.7 GHz	Quad Core 2.2 turbo up to 2.7 GHz	Dual Core 2.2 turbo up to 2.6 GHz	Quad Core 2.1 GHz	Quad Core 2.1 GHz	
Hardware Encryption Engine	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	
RAM	64GB DDR4 ECC RDIMM - Up to 512GB	16GB DDR4 ECC RDIMM - Up to 128GB	8GB DDR4 ECC SO-DIMM - Up to 32GB	16GB DDR4 ECC RDIMM - Up to 128GB	8GB DDR4 ECC UDIMM - Up to 64GB	8GB DDR4 ECC UDIMM - Up to 64GB	8GB DDR4 ECC UDIMM - Up to 64GB	8GB DDR4 ECC UDIMM - Up to 64GB	8GB DDR4 ECC UDIMM - Up to 64GB	16GB DDR4 ECC SO-DIMM - Up to 48GB	8GB DDR4 ECC SO-DIMM - Up to 32GB	4GB DDR4 Non-ECC UDIMM - Up to 64GB ECC <sup>(14)</sup>	4GB DDR4 Non-ECC UDIMM - Up to 64GB ECC <sup>(14)</sup>	
Compatible HDD/SSD Type <sup>(12)</sup>	SAS/SATA	SAS/SATA	SATA	SAS/SATA	SATA	SATA	SATA	SATA	SATA	SATA	SATA	SATA	SATA	
External Device Interface	2 x USB 3.0	2 x USB 3.0, 1 x Expansion port(s)	3 x USB 3.0, 2 x Expansion port(s)	2 x USB 3.0, 1 x Expansion port(s)	2 x USB 3.0, 2 x Expansion port(s)	2 x USB 3.0, 2 x Expansion port(s)	2 x USB 3.0, 2 x Expansion port(s)	2 x USB 3.0, 2 x Expansion port(s)	2 x USB 3.0, 1 x Expansion port(s)	2 x USB 3.0, 2 x Expansion port(s)	3 x USB 3.0, 2 x Expansion port(s)	2 x USB 3.0, 1 x Expansion port(s)	2 x USB 3.0, 1 x Expansion port(s)	
Drive Bays <sup>(1)</sup>	24	24	12	12	16	12	12	12	4	12	6	16	12	
Size (mm) (HxWxD)	88 x 482 x 724	88 x 482 x 724	166 x 282 x 243	88 x 482 x 724	132.3 x 482 x 656.5	88 x 430.5 x 692	88 x 430.5 x 692	88 x 430.5 x 692	44 x 480 x 518.6	270 x 300 x 340	166 x 282 x 243	132.3 x 482 x 656.5	RS2418+: 88 x 482 x 696 RS2418RP+: 88 x 482 x 724	
LAN	2 x 10GbE	2 x 10GbE, 4 x 1GbE	4 x 1GbE	2 x 10GbE, 4 x 1GbE	2 x 10GbE, 4 x 1GbE	2 x 10GbE, 4 x 1GbE	4 x 1GbE	4 x 1GbE	4 x 1GbE	4 x 1GbE	4 x 1GbE	4 x 1GbE	4 x 1GbE	
PCIe Slots <sup>(13)</sup>	2	1	1	2	2	2	2	2	1	1	1	1	1	
Power Consumption <sup>(2)</sup>	Access	321 W	313 W	107.92 W	141.96 W	136.4 W	133.9 W	142.76 W	116.42 W	68.68 W	108.2 W	79.44 W	138.1 W	
	HDD Hibernation	156 W	126 W	48.36 W	77.23 W	69.2 W	69.18 W	55.05 W	65.49 W	34.78 W	53.4 W	56.92 W	66.7 W	
File System - Internal Drive	Btrfs, EXT4										Btrfs, EXT4			
Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)										CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)			
Volume Type	Basic, JBOD, RAID 0/1/5/6/10/F1										Basic, JBOD, RAID 0/1/5/6/10/F1		Basic, JBOD, RAID 0/1/5/6/10, SHR	
Max. IP Camera # <sup>(3)</sup>	100	100	75	90	90	90	75	75	75	75	75	40	40	
Total Frames Per Second (FPS)	3000 FPS @ 720p	3000 FPS @ 720p	2250 FPS @ 720p	2700 FPS @ 720p	2700 FPS @ 720p	2700 FPS @ 720p	2250 FPS @ 720p	2250 FPS @ 720p	2250 FPS @ 720p	2250 FPS @ 720p	2250 FPS @ 720p	1200 FPS @ 720p	1200 FPS @ 720p	
Max. User Accounts	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	2048	2048	
Max. Concurrent Connections (CIFS, FTP, AFP)	13000	4000	2000	2000	2000	2000	2000	2000	2000	2000	2000	1000	1000	
Max. MailPlus Client Number	Up to 1800	Up to 1100	Up to 200	Up to 800	Up to 1100	Up to 800	Up to 500	Up to 500	Up to 200	Up to 450	Up to 200	Up to 150	Up to 150	
Max. Office Users	3400	3000	2900	3000	2900	3000	2800	2800	2900	2900	2900	1800	1800	
Warranty (Years)	5	5	5	5	5	5	5	5	5	5	5	3	3	

FlashStation/  
DiskStation/  
RackStation

	Plus Series										Value Series			
	RS1219+	RS818+/RS818RP+	DS2415+	DS1819+	DS1618+	DS1517+	DS918+	DS718+	DS218+	RS816	RS217	DS1817	DS1517	
Performance (MB/s) <sup>(1)</sup>	Read: 1317.50 MB/s <sup>(6)</sup> Write: 473.24 MB/s	Read: 1291.79 MB/s <sup>(1)</sup> Write: 433.08 MB/s	Read: 450.94MB/s <sup>(1)</sup> Write: 447.47 MB/s	Read: 2045.20 MB/s <sup>(6)</sup> Write: 656.71 MB/s	Read: 2037.83 MB/s <sup>(6)</sup> Write: 624.25 MB/s	Read: 1384.49 MB/s (8GB) / 1289.09 MB/s (2GB) <sup>(4)</sup> Write: 577.07 MB/s (8GB) / 461.13 MB/s (2GB)	Read: 225.91 MB/s <sup>(1)</sup> Write: 222.13 MB/s	Read: 225.92 MB/s <sup>(1)</sup> Write: 169.77 MB/s	Read: 112.97 MB/s <sup>(1)</sup> Write: 112.96 MB/s	Read: 225.57 MB/s <sup>(1)</sup> Write: 146.78 MB/s	Read: 225.30 MB/s <sup>(1)</sup> Write: 172.15 MB/s	Read: 1695.40 MB/s <sup>(6)</sup> Write: 738.82 MB/s	Read: 437.06 MB/s <sup>(6)</sup> Write: 450.59 MB/s	
CPU Frequency	Quad Core 2.4 GHz	Quad Core 2.4 GHz	Quad Core 2.4 GHz	Quad Core 2.1 GHz	Quad Core, 2.1GHz	Quad Core 2.4 GHz	Quad Core 1.5 burst up to 2.3 GHz	Quad Core 1.5 burst up to 2.3 GHz	Dual Core 2.0 burst up to 2.5 GHz	Dual Core 1.8 GHz	Dual Core 1.33 GHz	Quad Core 1.7 GHz	Quad Core 1.7 GHz	
Hardware Encryption Engine	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes (AES-NI)	Yes	Yes	Yes	Yes	
RAM	2GB DDR3 - Up to 16GB	2GB DDR3 - Up to 16GB	2GB DDR3 - Up to 6GB	4GB DDR4 - Up to 32GB	4GB DDR4 SO-DIMM - Up to 32GB <sup>(15)</sup>	2GB / 8GB (4GB x 2) DDR3 - Up to 16GB	4GB DDR3L - Up to 8GB	2GB DDR3L - Up to 6GB	2GB DDR3L - Up to 6GB	1GB DDR3	512MB DDR3	4GB DDR3L - Up to 8GB	2GB DDR3L	
Compatible HDD/SSD Type <sup>(12)</sup>	SATA	SATA	SATA	SATA	SATA	SATA, M.2 NVMe	SATA	SATA	SATA	SATA	SATA	SATA	SATA	
External Device Interface	2 x USB 3.0, 1 x eSATA	2 x USB 3.0, 1 x eSATA	4 x USB 3.0, 1 x Expansion port(s)	4 x USB 3.0, 2 x eSATA	3 x USB 3.0, 2 x eSATA	4 x USB 3.0, 2 x eSATA	2 x USB 3.0, 1 x eSATA	3 x USB 3.0, 2 x eSATA	3 x USB 3.0, 1 x eSATA	2 x USB 3.0, 1 x eSATA	2 x USB 3.0, 1 x eSATA	2 x USB 3.0, 2 x eSATA	2 x USB 3.0, 2 x eSATA	
Drive Bays <sup>(1)</sup>	8	4	12	8	6	5	4	2	2	4	2	8	5	
Size (mm) (HxWxD)	88 x 430.5 x 297.6	RS818+: 44 x 480 x 492.6 RS818RP+: 44 x 480 x 518.6	270 x 300 x 340	166 x 343 x 243	166 x 282 x 243	166 x 250 x 243	166 x 199 x 223	157 x 103.5 x 232	165 x 108 x 232.2	44 x 430.5 x 295.5	44 x 435.6 x 295.5	157 x 340 x 233	157 x 248 x 233	
LAN	4 x 1GbE	4 x 1GbE	4 x 1GbE	4 x 1GbE	4 x 1GbE	4 x 1GbE	2 x 1GbE	2 x 1GbE	1 x 1GbE	2 x 1GbE	2 x 1GbE	2 x 1GbE, 2 x 10GbE	4 x 1GbE	
PCIe Slots <sup>(13)</sup>	1	1	No	1	1	1	No	No	No	No	No	No	No	
Power Consumption <sup>(2)</sup>	Access	60.31 W	RS818+: 45.28 W RS818RP+: 45.73 W RS1819+: 20.81 W RS818RP+: 21.79 W	73.44 W	66.96 W	56.86 W	42.1 W	28.8 W	20.1 W	17.23 W	27.9 W	59.1 W	39.5 W	
	HDD Hibernation	29.04 W	29.04 W	37.13 W	29.39 W	25.76 W	23.1 W	12.6 W	9.1 W	5.4 W	12.4 W	12.9 W	18.2 W	
File System - Internal Drive	Btrfs, EXT4										EXT4			
Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)										CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)			
Volume Type	Basic, JBOD, RAID 0/1/5/6/10, SHR <sup>(9)</sup>										Basic, JBOD, RAID 0/1, SHR		Basic, JBOD, RAID 0/1, SHR	
Max. IP Camera # <sup>(3)</sup>	40	40	40	40	40	40	40	40	25	16	16	30	30	
Total Frames Per Second (FPS)	1200 FPS @ 720p	1200 FPS @ 720p	1200 FPS @ 720p	1200 FPS @ 720p	1200 FPS @ 720p	1200 FPS @ 720p	1200 FPS @ 720p	1200 FPS @ 720p	750 FPS @ 720p	480 FPS @ 720p	480 FPS @ 720p	900 FPS @ 720p	900 FPS @ 720p	
Max. User Accounts	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	
Max. Concurrent Connections (CIFS, FTP, AFP)	500	500	500	1000	1000	2000 (8GB RAM) / 500 (2GB RAM)	1000	500	500	256	128	1000	500	
Max. MailPlus Client Number	Up to 100	Up to 100	Up to 100	Up to 150	Up to 150	Up to 100	Up to 100	Up to 100	Up to 50	n/a				
Max. Office Users	1800	1800	1800	1800	1800	1800	1800	1800	400	400	200	400	400	
Warranty (Years)	3	3	3	3	3	3	3	3	2	3	3	3	3	





(1) HDD not included. Please check [www.synology.com](http://www.synology.com) for compatible HDD models.  
 (2) The power consumption value is for reference only and will vary according to hard drive models and capacity.  
 (3) Two free licenses for installing two IP cameras are available for Surveillance Station 6.1 and above. NVR1218 comes with 4 IP camera licenses.  
 (4) The performance figures were tested with multiple 10GbE connections under Link Aggregation and Btrfs file system. FS3017 and DS1817 was tested with EXT4 file system.

(5) The performance figures were tested under Link Aggregation and Btrfs file system. RS816, RS217, DS1517 and DS416slim were tested with EXT4 file system.  
 (6) Synology DS718+ supports RAID 5/6/10/Global Hot Spare only when it is connected to Synology DX517.  
 (7) The operating temperature ranges from -4°F to 122°F (from -20°C to 50°C) with direct DC input.  
 (8) Synology NVR1218 supports RAID 5/6/Global Hot Spare only when it is connected to Synology DX517.






(9) DS216se, ED514 and NVR1218 do not support iSCSI in networking protocols.  
 (10) Product data has been reviewed for accuracy on the date of its initial publication. Data and product information are subject to change without notice. For more details, please visit [www.synology.com](http://www.synology.com).  
 (11) Need to pair with a NVR or a NAS.  
 (12) "Compatible drive type" refers to the drives that have been tested to be compatible with Synology products. This term does not indicate the maximum connection speed of each drive bay.

(13) Please visit [www.synology.com](http://www.synology.com) for the most up-to-date information regarding lane count, slot width, and supported add-in cards.  
 (14) Synology RS2418+, RS2418RP+ and RS2818RP+ come with a 4 GB DDR4 Non-ECC UDIMM and can support up to 64 GB with optional ECC UDIMMs.  
 (15) Synology DS1618+ and DS1819+ comes with a 4 GB DDR4 Non-ECC SO-DIMM and can support up to 32 GB with optional ECC SO-DIMMs.

## FlashStation/ DiskStation/ RackStation




	Value Series					
	DS418	DS418play	DS218play	DS218	DS118	
						
Performance (MB/s) <sup>(1)</sup>	Read: 225.81 MB/s <sup>(2)</sup> Write: 160.66 MB/s	Read: 225.99 MB/s <sup>(2)</sup> Write: 217.43 MB/s	Read: 112.97 MB/s Write: 112.31 MB/s	Read: 112.94 MB/s Write: 112.96 MB/s	Read: 112.92 MB/s Write: 112.88 MB/s	
CPU Frequency	Quad Core 1.4 GHz	Dual Core 2.0 burst up to 2.5 GHz	Quad Core 1.4 GHz	Quad Core 1.4 GHz	Quad Core 1.4 GHz	
Hardware Encryption Engine	Yes	Yes (AES-NI)	Yes	Yes	Yes	
RAM	2GB DDR4	2GB DDR3L - Up to 6GB	1 GB DDR4	2 GB DDR4	1 GB DDR4	
Compatible HDD/SSD Type <sup>(12)</sup>	SATA	SATA	SATA	SATA	SATA	
External Device Interface	2 x USB 3.0	2 x USB 3.0	2 x USB 3.0	2 x USB 3.0, 1 x USB 2.0	2 x USB 3.0	
Drive Bays <sup>(1)</sup>	4	4	2	2	1	
Size (mm) (HxWxD)	166 x 199 x 223	166 x 199 x 223	165 x 100 x 225.5	165 x 108 x 233.2	166 x 71 x 224	
LAN	2 x 1GbE	2 x 1GbE	1 x 1GbE	1 x 1GbE	1 x 1GbE	
PCIe Slots <sup>(13)</sup>	No	No	No	No	No	
Power Consumption <sup>(2)</sup>	Access	26.49 W	29.01 W	16.79 W	14.99 W	9.40 W
	HDD Hibernation	8.78 W	10.59 W	5.16 W	5.78 W	4.22 W
File System - Internal Drive	Btrfs, EXT4		EXT4	Btrfs, EXT4	EXT4	
Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI <sup>(14)</sup> , Telnet, SSH, SNMP, VPN (PPTP, OpenVPN <sup>(15)</sup> , L2TP)					
Volume Type	Basic, JBOD, RAID 0/1/5/6/10, SHR		Basic, JBOD, RAID 0/1	Basic, JBOD, RAID 0/1, SHR	Basic	
Max. IP Camera # <sup>(3)</sup>	30	25	15	20	15	
Total Frames Per Second (FPS)	900 FPS @ 720p	750 FPS @ 720p	450 FPS @ 720p	600 FPS @ 720p	450 FPS @ 720p	
Max. User Accounts	2048	2048	2048	2048	2048	
Max. Concurrent Connections (CIFS, FTP, AFP)	200	200	200	200	200	
Max. MailPlus Client Number	n/a	Up to 50		n/a		
Max. Office Users	200	400	200	200	200	
Warranty (Years)	2	2	2	2	2	

## FlashStation/ DiskStation/ RackStation




	J series				Network Video Recorder	
	DS418j	DS416slim	DS218j	DS119j	NVR1218	
						
Performance (MB/s) <sup>(1)</sup>	Read: 112.95 MB/s Write: 108.98 MB/s	Read: 219.80 MB/s <sup>(2)</sup> Write: 80.73 MB/s	Read: 113.01 MB/s Write: 112.37 MB/s	Read: 112.73 MB/s Write: 108.45 MB/s	n/a	
CPU Frequency	Dual Core 1.4 GHz	Dual Core 1.0 GHz	Dual Core 1.3 GHz	800 MHz	Dual Core 1.0 GHz	
Hardware Encryption Engine	Yes	Yes	Yes	Yes	No	
RAM	1 GB DDR4	512 MB DDR3	512 MB DDR3	256 MB DDR3	1 GB DDR3	
Compatible HDD/SSD Type <sup>(12)</sup>	SATA	SATA	SATA	SATA	SATA	
External Device Interface	2 x USB 3.0	2 x USB 3.0	2 x USB 3.0	2 x USB 2.0	1 x USB 3.0, 2 x USB 2.0, 1 x eSATA, 1 x HDMI	
Drive Bays <sup>(1)</sup>	4	4	2	1	2	
Size (mm) (HxWxD)	184 x 168 x 230	120 x 105 x 142	165 x 100 x 225.5	166 x 71 x 224	165 x 100 x 225.5	
LAN	1 x 1GbE	2 x 1GbE	1 x 1GbE	1 x 1GbE	1 x 1GbE	
Power Consumption <sup>(2)</sup>	Access	21.22 W	17.17 W	17.48 W	10.04 W	13.64 W
	HDD Hibernation	8.97 W	11.63 W	7.03 W	5.01 W	4.32 W
File System - Internal Drive	EXT4					
Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI <sup>(14)</sup> , Telnet, SSH, SNMP, VPN (PPTP, OpenVPN <sup>(15)</sup> , L2TP)					
Volume Type	Basic, JBOD, RAID 0/1/5/6/10, SHR	Basic, JBOD, RAID 0/1/5/6/10, SHR	Basic, JBOD, RAID 0/1	Basic	Basic, JBOD, RAID 0/1/5/6, SHR <sup>(16)</sup>	
Max. IP Camera # <sup>(3)</sup>	16	8	14	5	12	
Total Frames Per Second (FPS)	480 FPS @ 720p	300 FPS @ 720p	420 FPS @ 720p	150 FPS @ 720p	360 FPS @ 720p	
Max. User Accounts	1024	2048	1024	512	1024	
Max. Concurrent Connections (CIFS, FTP, AFP)	100	128	100	50	128	
Max. MailPlus Client Number			n/a			
Max. Office Users	200	100	200	5	n/a	
Warranty (Years)	2	2	2	2	3	

(1) HDD not included. Please check [www.synology.com](http://www.synology.com) for compatible HDD models.  
 (2) The power consumption value is for reference only and will vary according to hard drive models and capacity.  
 (3) Two free licenses for installing two IP cameras are available for Surveillance Station 6.1 and above. NVR1218 comes with 4 IP camera licenses.  
 (4) The performance figures were tested with multiple 10GbE connections under Link Aggregation and Btrfs file system. FS3017 and DS1817 was tested with EXT4 file system.  
 (5) The performance figures were tested under Link Aggregation and Btrfs file system. RS816, RS217, DS1517 and DS416slim were tested with EXT4 file system.  
 (6) Synology DS718+ supports RAID 5/6/10/Global Hot Spare only when it is connected to Synology DX517.  
 (7) The operating temperature ranges from -4°F to 122°F (from -20°C to 50°C) with direct DC input.  
 (8) Synology NVR1218 supports RAID 5/6/Global Hot Spare only when it is connected to Synology DX517.  
 (9) DS216se, DS414 and NVR1218 do not support iSCSI in networking protocols.  
 (10) Product data has been reviewed for accuracy on the date of its initial publication. Data and product information are subject to change without notice. For more details, please visit [www.synology.com](http://www.synology.com).  
 (11) Need to pair with a NVR or a NAS.



## Expansion unit

	RX2417sas	RX1217sas	RX1217/RX1217RP
			
Compatible HDD/SSD Type	SAS/SATA	SAS/SATA	SATA
Drive Bays <sup>(1)</sup>	24	12	12
Size (mm) (HxWxD)	88 x 482 x 724	88 x 482 x 724	88 x 430.5 x 664
Volume Type	RAID Management through Synology DSM		
Warranty	5 years		

## Expansion unit

	DX1215	DX517	RX418
			
Compatible HDD/SSD Type	SATA	SATA	SATA
Drive Bays <sup>(1)</sup>	12	5	4
Size (mm) (HxWxD)	270 x 300 x 340	157 x 248 x 233	44 x 480 x 325
Volume Type	RAID Management through Synology DSM		
Warranty	5 years	3 years	

## Synology Router

	RT2600ac	MR2200ac	
			
CPU Frequency	Dual core 1.7 GHz	Quad core 717 MHz	
RAM	512 MB DDR3	256 MB DDR3	
Layer 4 & 7 Traffic Control Hardware Acceleration	Yes	No	
Wi-Fi Connectivity	IEEE 802.11a/b/g/n/ac Simultaneous dual-band AC2600 (800Mbps + 1.73Gbps) MU-MIMO Beamforming	IEEE 802.11a/b/g/n/ac Simultaneous tri-band AC2200 (400 + 867 + 867Mbps) MU-MIMO Beamforming	
Wi-Fi Security	WPA/WPA2-Personal/Enterprise, WPA3/WPA3-Personal, WPA3-Personal/Enterprise, OWE		
Roaming	802.11k/v/r support		
Max. Wireless Devices	100	90	
LAN / WAN	4 x 1GbE / 1 x 1GbE (Dual WAN: 3 x 1GbE / 2 x 1GbE)	1 x 1GbE / 1 x 1GbE	
External Device Interface	1 x USB 3.0, 1 x USB 2.0, 1 x SD Card	1 x USB 3.0	
Size (mm) (HxWxD)	77 x 280 x 169 (without antenna)	154 x 199 x 65	
Power Consumption <sup>(2)</sup>	Access	10.80 W	12.95 W
	Idle	7.94 W	5.21 W
Warranty	2 years		

	VS960HD <sup>(11)</sup>	VS360HD <sup>(11)</sup>
		
External Device Interface	2 x USB 2.0, 1 x USB 3.0	2 x USB 2.0, 1 x USB 3.0
DC-less surveillance	1 x 1GbE	1 x 1GbE
Video Output	2 x HDMI	1 x HDMI, 1 x VGA
Audio Input/Output	2 x 3.5mm Stereo Audio Jack	2 x 3.5mm Stereo Audio Jack
Supported Video Resolution	HDMI 1: 3840 x 2160 (4k), 30Hz/60 Hz; HDMI 2: 1920 x 1080 (1080p), 60 Hz	1920 x 1080 (1080p), 60 Hz
Max. Channel Number	96 (960 FPS @ 720p)	36 (360 FPS @ 720p)
Video Compression Format	MJPEG, MPEG-4, H.264, H.265	MJPEG, MPEG-4, H.264
Audio Codec	PCM, G711, G726, AMR, AAC	PCM, G711, G726, AMR, AAC, ADPCM
Size (mm) (HxWxD)	32 x 130 x 130	32 x 130 x 130
Power Consumption	7.2W (96ch full-load)	4.76W (36ch full-load)
Operating Temperature	-20°C~ 50°C	-20°C~ 50°C
Warranty	3 years	

(12) "Compatible drive type" refers to the drives that have been tested to be compatible with Synology products. This term does not indicate the maximum connection speed of each drive bay.  
 (13) Please visit [www.synology.com](http://www.synology.com) for the most up-to-date information regarding lane count, slot width, and supported add-in cards.  
 (14) Synology RS2418+, RS2418RP+ and RS2818RP+ come with a 4GB DDR4 Non-ECC UDIMM and can support up to 64GB with optional ECC UDIMMs.  
 (15) Synology DS1618+ and DS1819+ comes with a 4 GB DDR4 Non-ECC SO-DIMM and can support up to 32 GB with optional ECC SO-DIMMs.