



Specifications	r10900	r10800
Intelligent Traffic Processing:	L7 requests per second: 6.6M L4 connections per second: 2.5M L4 HTTP requests per second: 37M Maximum L4 concurrent connections: 180M Throughput: 190 Gbps/190 Gbps L4/L7	L7 requests per second: 5.5M L4 connections per second: 2.1M L4 HTTP requests per second: 36M Maximum L4 concurrent connections: 160M Throughput: 190 Gbps/145 Gbps L4/L7
Hardware Offload SSL/TLS:	200K TPS (RSA 2k keys) 140K TPS (ECDHE-ECDSA P-256) 110K TPS (ECDHE P-256-RSA 2k) 95 Gbps bulk encryption	150K TPS (RSA 2k keys) 110K TPS (ECDHE-ECDSA P-256) 110K TPS (ECDHE P-256-RSA 2k) 80 Gbps bulk encryption
Hardware Compression:	90 Gbps	80 Gbps
Hardware DDoS Protection:	160M SYN Cookies per second	160M SYN Cookies per second
Software Architecture:	64-bit TMOS 64-bit F5OS	64-bit TMOS 64-bit F5OS
Multi-Tenancy:	Up to 36	Up to 28
Processor:	12 vCPU's Reserved for F5OS, and 36 vCPU's Available for Tenancy.	12 vCPU's Reserved for F5OS, and 28 vCPU's Available for Tenancy.
Memory:	256 GB DDR	256 GB DDR
Hard Drive:	2x 1TB U.2 Enterprise-class SSD (RAID 1 Mirrored)	2x 1TB U.2 Enterprise-class SSD (RAID1 Mirrored)
Management Ports:	1x 1000BASE-T, 1x USB 3.0, 1x serial console	1x 1000BASE-T, 1x USB 3.0, 1x serial console
100/40 Gigabit Fiber Ports:	4 x 100G/40G QSFP28/QSFP+ ports	4 x 100G/40G QSFP28/QSFP+ ports
25/10 Gigabit Fiber Ports:	16 x 25G/10G SFP28/SFP+ ports	16 x 25G/10G SFP28/SFP+ ports
Power Supply:	2 x 1200 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional	2 x 1200 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional
Typical Consumption:	680W (dual power supply, 48V DC or 110V AC input)	680W (dual power supply, 48V DC or 110V AC input)
Input Voltage / Typical Heat generated:	Dual Power supply 110 VAC input: 2325 BTU/hour 230 VAC input: 2290 BTU/hour	Dual Power supply 110 VAC input: 2325 BTU/hour 230 VAC input: 2290 BTU/hour
Dimensions:	H: 1.72 inches (4.37 cm) x W: 17.1 inches (44.20 cm) x D: 30.6 inches (77.72 cm) (per unit) 1U industry standard rack-mount chassis	H: 1.72 inches (4.37 cm) x W: 17.1 inches (44.20 cm) x D: 30.6 inches (77.72 cm) (per unit) 1U industry standard rack-mount chassis
Weight:	36.0 pounds (16.33 kg) with two power supply units (PSUs) (per unit)	36.0 pounds (16.33 kg) with two power supply units (PSUs) (per unit)
Operating Temperature:	32 to 104°F (0 to 40°C)	32 to 104°F (0 to 40°C)
Operational Relative Humidity:	5% to 85% (40 C) non-condensing	5% to 85% (40 C) non-condensing
Hardware Certification Model	r10000	r10000
Safety Agency Approval:	ANSI/UL 60950-1-2014 CSA 60950-1-07, including A1:2011+A2:2014 IEC 60950-1:2005, A1:2009+A2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 (Second Edition) EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, UL 62368-1, 2nd edition	ANSI/UL 60950-1-2014 CSA 60950-1-07, including A1:2011+A2:2014 IEC 60950-1:2005, A1:2009+A2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 (Second Edition) EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, UL 62368-1, 2nd edition
Certifications / Susceptibility Standards:	FCC Class A (Part 15), IC Class A; VCCI Class A EN 55032:2012/AC:2013 Class A EN 55035:2017 EN 300 386 V1.6.1 (2012)	FCC Class A (Part 15), IC Class A; VCCI Class A EN 55032:2012/AC:2013 Class A EN 55035:2017 EN 300 386 V1.6.1 (2012)

*Requires using adjacent QSFP28 ports at the same speed (100G/100G or 40G/40G). 100/40G ports do not support breakout cables.

Notes: Performance-related numbers are based on local traffic management services only and are subject to change. Only optics provided by F5 are supported.



Specifications	r10600	r5900
Intelligent Traffic Processing:	L7 requests per second: 4.5M L4 connections per second: 1.9M L4 HTTP requests per second: 36M Maximum L4 concurrent connections: 145M Throughput: 190 Gbps/125 Gbps L4/L7	L7 requests per second: 4.3M L4 connections per second: 1.8M L4 HTTP requests per second: 18M Maximum L4 concurrent connections: 100M Throughput: 95 Gbps/95 Gbps L4/L7
Hardware Offload SSL/TLS:	115K TPS (RSA 2k keys) 90K TPS (ECDHE-ECDSA P-256) 90K TPS (ECDHE P-256-RSA-2k) 75 Gbps bulk encryption	100K TPS (RSA 2k keys) 70K TPS (ECDHE-ECDSA P-256) 55K TPS (ECDHE P-256-RSA-2k) 50 Gbps bulk encryption
Hardware Compression:	80 Gbps	50 Gbps
Hardware DDoS Protection:	160M SYN Cookies per second	80M SYN Cookies per second
Software Architecture:	64-bit TMOS 64-bit F5OS	64-bit TMOS 64-bit F5OS
Multi-Tenancy:	Up to 24	Up to 26
Processor:	12 vCPU's Reserved for F5OS, and 24 vCPU's Available for Tenancy.	6 vCPU's Reserved for F5OS, and 26 vCPU's Available for Tenancy.
Memory:	256 GB DDR	128 GB DDR
Hard Drive:	2x 1TB U.2 Enterprise-class SSD (RAID1 Mirrored)	1x 1TB M.2 SSD
Management Ports:	1x 1000BASE-T, 1x USB 3.0, 1x serial console	1x 1000BASE-T, 1x USB 3.0, 1x serial console
100/40 Gigabit Fiber Ports:	4 x 100G/40G QSFP28/QSFP+ ports	2 x 100G/40G QSFP28/QSFP+ ports
25/10 Gigabit Fiber Ports:	16 x 25G/10G SFP28/SFP+ ports	8 x 25G/10G SFP28/SFP+ ports
Power Supply:	2 x 1200 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional	1 x 650 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional
Typical Consumption:	680W (dual power supply, 48V DC or 110V AC input)	425W (single power supply, 48V DC or 110V AC input)
Input Voltage / Typical Heat generated:	Dual Power supply 110 VAC input: 2325 BTU/hour 230 VAC input: 2290 BTU/hour	Single Power supply 110 VAC input: 1455 BTU/hour 230 VAC input: 1420 BTU/hour
Dimensions:	H: 1.72 inches (4.37 cm) x W: 17.1 inches (44.20 cm) x D: 30.6 inches (77.72 cm) (per unit) 1U industry standard rack-mount chassis	H: 1.72 inches (4.37 cm) x W: 17.1 inches (44.20 cm) x D: 30.6 inches (77.72 cm) (per unit) 1U industry standard rack-mount chassis
Weight:	36.0 pounds (16.33 kg) with two power supply units (PSUs) (per unit)	36.0 pounds (16.33 kg) with two power supply units (PSUs) (per unit)
Operating Temperature:	32 to 104°F (0 to 40°C)	32 to 104°F (0 to 40°C)
Operational Relative Humidity:	5% to 85% (40 C) non-condensing	5% to 85% (40 C) non-condensing
Hardware Certification Model	r10000	r5000
Safety Agency Approval:	ANSI/UL 60950-1-2014 CSA 60950-1-07, including A1:2011+A2:2014 IEC 60950-1:2005, A1:2009+A2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 (Second Edition) EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, UL 62368-1, 2nd edition	ANSI/UL 60950-1-2014 CSA 60950-1-07, including A1:2011+A2:2014 IEC 60950-1:2005, A1:2009+A2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 (Second Edition) EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, UL 62368-1, 2nd edition
Certifications / Susceptibility Standards:	FCC Class A (Part 15), IC Class A; VCCI Class A EN 55032:2012/AC:2013 Class A EN 55035:2017 EN 300 386 V1.6.1 (2012)	FCC Class A (Part 15), IC Class A; VCCI Class A EN 55032:2012/AC:2013 Class A EN 55035:2017 EN 300 386 V1.6.1 (2012)

*Requires using adjacent QSFP28 ports at the same speed (100G/100G or 40G/40G). 100/40G ports do not support breakout cables.

Notes: Performance-related numbers are based on local traffic management services only and are subject to change. Only optics provided by F5 are supported.



Specifications	r5800	r5600
Intelligent Traffic Processing:	L7 requests per second: 3.3M L4 connections per second: 1.4M L4 HTTP requests per second: 18M Maximum L4 concurrent connections: 85M Throughput: 95 Gbps/85 Gbps L4/L7	L7 requests per second: 2.5M L4 connections per second: 1M L4 HTTP requests per second: 18M Maximum L4 concurrent connections: 75M Throughput: 95 Gbps/60 Gbps L4/L7
Hardware Offload SSL/TLS:	80K TPS (2K SSL TPS) 50K TPS (ECDHE-ECDSA P-256 TPS) 50K TPS (ECDHE P-256-RSA-2k TPS) 45 Gbps bulk encryption	60K TPS (2K SSL TPS) 30K TPS (ECDHE-ECDSA P-256 TPS) 30K TPS (ECDHE P-256-RSA-2k TPS) 35 Gbps bulk encryption
Hardware Compression:	40 Gbps	35 Gbps
Hardware DDoS Protection:	80M SYN Cookies per second	80M SYN Cookies per second
Software Architecture:	64-bit TMOS 64-bit F5OS	64-bit TMOS 64-bit F5OS
Multi-Tenancy:	Up to 18	Up to 8
Processor:	6 vCPU's Reserved for F5OS, and 18 vCPU's Available for Tenancy.	6 vCPU's Reserved for F5OS, and 12 vCPU's Available for Tenancy.
Memory:	128 GB DDR	128 GB DDR
Hard Drive:	1x 1TB M.2 SSD	1x 1TB M.2 SSD
Management Ports:	1x 1000BASE-T, 1x USB 3.0, 1x serial console	1x 1000BASE-T, 1x USB 3.0, 1x serial console
100/40 Gigabit Fiber Ports:	2 x 100G/40G QSFP+/QSFP28 ports	2 x 100G/40G QSFP+/QSFP28 ports
25/10 Gigabit Fiber Ports:	8 x 25G/10G SFP28/SFP+ ports	8 x 25G/10G SFP28/SFP+ ports
Power Supply:	1 x 650 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional	1 x 650 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional
Typical Consumption:	425W (single power supply, 48V DC or 110V AC input)	425W (single power supply, 48V DC or 110V AC input)
Input Voltage / Typical Heat generated:	Single Power supply 110 VAC input: 1455 BTU/hour 230 VAC input: 1420 BTU/hour	Single Power supply 110 VAC input: 1455 BTU/hour 230 VAC input: 1420 BTU/hour
Dimensions:	H: 1.72 inches (4.37 cm) x W: 17.1 inches (44.20 cm) x D: 30.6 inches (77.72 cm) (per unit) 1U industry standard rack-mount chassis	H: 1.72 inches (4.37 cm) x W: 17.1 inches (44.20 cm) x D: 30.6 inches (77.72 cm) (per unit) 1U industry standard rack-mount chassis
Weight:	36.0 pounds (16.33 kg) with two power supply units (PSUs) (per unit)	36.0 pounds (16.33 kg) with two power supply units (PSUs) (per unit)
Operating Temperature:	32 to 104°F (0 to 40°C)	32 to 104°F (0 to 40°C)
Operational Relative Humidity:	5% to 85% (40 C) non-condensing	5% to 85% (40 C) non-condensing
Hardware Certification Model	r5000	r5000
Safety Agency Approval:	ANSI/UL 60950-1-2014 CSA 60950-1-07, including A1:2011+A2:2014 IEC 60950-1:2005, A1:2009+A2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 (Second Edition) EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, UL 62368-1, 2nd edition	ANSI/UL 60950-1-2014 CSA 60950-1-07, including A1:2011+A2:2014 IEC 60950-1:2005, A1:2009+A2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 (Second Edition) EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, UL 62368-1, 2nd edition
Certifications / Susceptibility Standards:	FCC Class A (Part 15), IC Class A; VCCI Class A EN 55032:2012/AC:2013 Class A EN 55035:2017 EN 300 386 V1.6.1 (2012)	FCC Class A (Part 15), IC Class A; VCCI Class A EN 55032:2012/AC:2013 Class A EN 55035:2017 EN 300 386 V1.6.1 (2012)

*Requires using adjacent QSFP28 ports at the same speed (100G/100G or 40G/40G). 100/40G ports do not support breakout cables.

Notes: Performance-related numbers are based on local traffic management services only and are subject to change. Only optics provided by F5 are supported.



Specifications	r4800	r4600
Intelligent Traffic Processing:	L7 requests per second: 1.8M L4 connections per second: 750K L4 HTTP requests per second: 3.5M Maximum L4 concurrent connections: 38M Throughput: 50 Gbps/40 Gbps L4/L7	L7 requests per second: 1.3M L4 connections per second: 500K L4 HTTP requests per second: 2.5M Maximum L4 concurrent connections: 38M Throughput: 40 Gbps/30 Gbps L4/L7
Hardware Offload SSL/TLS:	45K TPS (2K SSL TPS) 20K TPS (ECDHE-ECDHSA P-256 TPS) 20K TPS (ECDHE P-256-RSA 2k TPS) 25 Gbps bulk encryption	30K TPS (2K SSL TPS) 14K TPS (ECDHE-ECDHSA P-256 TPS) 14K TPS (ECDHE P-256-RSA 2k TPS) 20 Gbps bulk encryption
Compression:	30 Gbps (Hardware)	20 Gbps (Software)
Software Architecture:	64-bit TMOS 64-bit F5OS	64-bit TMOS 64-bit F5OS
Multi-Tenancy:	Up to 4	Up to 2
Processor:	1 x 16-Core Intel® Atom® processor (16 CPUs available for Tenancy)	1 x 16-Core Intel® Atom® processor (12 CPUs available for Tenancy)
Memory:	64 GB DDR	64 GB DDR
Hard Drive:	480GB M.2 SSD	480GB M.2 SSD
Management Ports:	1x 1000BASE-T, 1x USB 3.0, 1x serial console	1x 1000BASE-T, 1x USB 3.0, 1x serial console
10G/1G Gigabit Copper Ports:	4 x 10G/1G RJ45 Ports	4 x 10G/1G RJ45 Ports
25/10/1G Gigabit Fiber Ports:	4 x 25G/10G/1G SFP+/SFP28/SFP ports	4 x 25G/10G/1G SFP+/SFP28/SFP ports
Power Supply:	1 x 250 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional	1 x 250 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional
Typical Consumption:	105W (single power supply, 48V DC or 110V AC input)	105W (single power supply, 48V DC or 110V AC input)
Input Voltage / Typical Heat generated:	Single Power supply 110 VAC input: 360 BTU/hour 230 VAC input: 345 BTU/hour	Single Power supply 110 VAC input: 360 BTU/hour 230 VAC input: 345 BTU/hour
Dimensions:	H: 1.74 inches (4.37 cm) x W: 17.1 inches (Standard rack) x D: 16.9 inches (42.9 cm). 1U industry standard rack-mount chassis	H: 1.74 inches (4.37 cm) x W: 17.1 inches (Standard rack) x D: 16.9 inches (42.9 cm). 1U industry standard rack-mount chassis
Weight:	20.0 pounds (9.07 kg) with one power supply units (PSUs) (per unit)	20.0 pounds (9.07 kg) with one power supply units (PSUs) (per unit)
Operating Temperature:	32 to 104°F (0 to 40°C)	32 to 104°F (0 to 40°C)
Operational Relative Humidity:	5% to 85% (40 C) non-condensing	5% to 85% (40 C) non-condensing
Hardware Certification Model	r4000	r4000
Safety Agency Approval:	ANSI/UL 60950-1-2014 CSA 60950-1-07, A1:2011+A2:2014 IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, ANSI/UL 62368-1, 2nd edition	ANSI/UL 60950-1-2014 CSA 60950-1-07, A1:2011+A2:2014 IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, ANSI/UL 62368-1, 2nd edition
Certifications / Susceptibility Standards:	47 CFR FCC Part 15, Subpart B, Class A EN 55032:2015 +A11:2020, Class A EN 55035:2017 +A11:2020 EN 300 386 V2.1.1 (2016-07)	47 CFR FCC Part 15, Subpart B, Class A EN 55032:2015 +A11:2020, Class A EN 55035:2017 +A11:2020 EN 300 386 V2.1.1 (2016-07)

Notes: Performance-related numbers are based on local traffic management services only and are subject to change. Only optics provided by F5 are supported.



Specifications	r2800	r2600
Intelligent Traffic Processing:	L7 requests per second: 875K L4 connections per second: 350K L4 HTTP requests per second: 1.8M Maximum L4 concurrent connections: 19M Throughput: 25 Gbps/17 Gbps L4/L7	L7 requests per second: 475K L4 connections per second: 170K L4 HTTP requests per second: 850K Maximum L4 concurrent connections: 19M Throughput: 20 Gbps/13 Gbps L4/L7
Hardware Offload SSL/TLS:	15K TPS (2K SSL TPS) 10K TPS (ECDHE-ECDSA P-256 TPS) 10K TPS (ECDHE P-256-RSA 2k TPS) 10 Gbps bulk encryption	7K TPS (2K SSL TPS) 5K TPS (ECDHE-ECDSA P-256 TPS) 5K TPS (ECDHE P-256-RSA 2k TPS) 8 Gbps bulk encryption
Compression:	15 Gbps (Hardware)	6 Gbps (Software)
Software Architecture:	64-bit TMOS 64-bit F5OS	64-bit TMOS 64-bit F5OS
Multi-Tenancy:	1 Tenant	1 Tenant
Processor:	8-Core Intel® Atom® processor (8 CPUs available for Tenancy)	8-Core Intel® Atom® processor (4 CPUs available for Tenancy)
Memory:	32 GB DDR	32 GB DDR
Hard Drive:	480GB M.2 SSD	480GB M.2 SSD
Management Ports:	1x 1000BASE-T, 1x USB 3.0, 1x serial console	1x 1000BASE-T, 1x USB 3.0, 1x serial console
10G/1G Gigabit Copper Ports:	4 x 10G/1G RJ45 ports	4 x 10G/1G RJ45 ports
25/10/1G Gigabit Fiber Ports:	4 x 25G/10G/1G SFP+/SFP28/SFP ports	4 x 25G/10G/1G SFP+/SFP28/SFP ports
Power Supply:	1 x 250 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional	1 x 250 W 100-240 VAC (+/- 10%) AUTO Switching Platinum, Dual DC PSU Optional
Typical Consumption:	85W (single power supply, 48V DC or 110V AC input)	85W (single power supply, 48V DC or 110V AC input)
Input Voltage / Typical Heat generated:	Single Power supply 110 VAC input: 295 BTU/hour 230 VAC input: 295 BTU/hour	Single Power supply 110 VAC input: 295 BTU/hour 230 VAC input: 295 BTU/hour
Dimensions:	H: 1.74 inches (4.37 cm) x W: 17.1 inches (Standard rack) x D: 16.9 inches (42.9 cm). 1U industry standard rack-mount chassis	H: 1.74 inches (4.37 cm) x W: 17.1 inches (Standard rack) x D: 16.9 inches (42.9 cm). 1U industry standard rack-mount chassis
Weight:	20.0 pounds (9.07 kg) with one power supply units (PSUs) (per unit)	20.0 pounds (9.07 kg) with one power supply units (PSUs) (per unit)
Operating Temperature:	32 to 104°F (0 to 40°C)	32 to 104°F (0 to 40°C)
Operational Relative Humidity:	5% to 85% (40 C) non-condensing	5% to 85% (40 C) non-condensing
Hardware Certification Model	r2000	r2000
Safety Agency Approval:	ANSI/UL 60950-1-2014 CSA 60950-1-07, A1:2011+A2:2014 IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, ANSI/UL 62368-1, 2nd edition	ANSI/UL 60950-1-2014 CSA 60950-1-07, A1:2011+A2:2014 IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 62368-1:2014 EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1-14, ANSI/UL 62368-1, 2nd edition
Certifications / Susceptibility Standards:	47 CFR FCC Part 15, Subpart B, Class A EN 55032:2015 +A11:2020, Class A EN 55035:2017 +A11:2020 EN 300 386 V2.1.1 (2016-07)	47 CFR FCC Part 15, Subpart B, Class A EN 55032:2015 +A11:2020, Class A EN 55035:2017 +A11:2020 EN 300 386 V2.1.1 (2016-07)

Notes: Performance-related numbers are based on local traffic management services only and are subject to change. Only optics provided by F5 are supported.