

Citrix Application Delivery Controller (ADC)

Deliver applications from any cloud – with the experience your users expect



With a software-first approach, Citrix ADC – formerly NetScaler ADC – delivers an exceptional application experience. Simplify your application deployment across traditional and cloud architectures, protect your investment through flexible licensing, manage your applications wherever they live, and improve application performance and security with real-time visibility and analytics.

Feature	Premium Edition	Advanced Edition	Standard Edition	Citrix Gateway (formerly NetScaler Gateway)	Universal License*
Application availability					
L4 load balancing and L7 content switching	•	•	•		
Microsoft SQL load balancing, MYSQL	•	•	•		
AppExpert rate controls	•	•	•		
IPv6 support	•	•	•		
Traffic domains	•	•	•		
Subscriber-aware traffic steering	•	•	•		
Global server load balancing (GSLB)	•	•	•		
Carrier-Grade Network Address Translation (CGNAT)	•	•			
Dynamic routing protocols	•	•			
Surge protection and priority queuing	•	•			
TriScale clustering	•	•			
Application acceleration					
Client and server TCP optimizations	•	•	•		
Cache Redirection	•	•	•		
AppCompress	•	•	•		
AppCache	•	•			
Application security					
L4 DoS defenses	•	•	•		
L7 DoS defenses	•	•	•		
L7 rewrite and responder	•	•	•		
Citrix Gateway connector for Exchange ActiveSync, formerly XenMobile NetScaler connector	•	•			
AAA for traffic management	•	•			
Citrix Web App Firewall, formerly NetScaler AppFirewall with XML security	•	•			
IP Reputation	•	•			
nFactor authentication	•	•			
Cloud connector for Citrix Networking, formerly NetScaler Cloud Connector	•				
Front-end optimization**					
Content layout	•	•			
Domain sharding	•	•			
Image optimization	•	•			
Style sheets and JavaScript optimization	•	•			

• Standard • Option

Feature	Premium Edition	Advanced Edition	Standard Edition	Citrix Gateway	Universal License*
TCP protocol optimization					
Multi-path TCP	•	•	•		
BIC and cubic TCP	•	•	•		
Simple manageability					
Citrix Application Delivery Management, formerly NetScaler Management and Analytics System	•	•	•		
AppExpert visual policy builder	•	•	•		
Action Analytics	•	•	•		
AppExpert service callouts, templates, and visualizers	•	•	•		
Role-based and AAA administration	•	•	•		
Configuration wizards	•	•	•		
Native Citrix web interface	•	•			
Comtrade Management Pack for Citrix ADC	•				
Citrix Gateway, formerly Netscaler Unified Gateway					
Federated identity	•	•			
One URL/SSO using SAML 2.0	•	•			
Centralized policy management (SmartControl)	•				•
Stateless RDP proxy	•	•			•
Microsoft Intune support	•	•			
PCoIP support	•	•	•		
Cluster for ICA proxy (striped)	•	•			
Monitoring of Citrix Virtual Apps and Desktops, formerly XenApp/XenDesktop traffic (real time)	•	•			
Monitoring of Citrix Virtual Apps and Desktops traffic (historical)	•				
Monitoring of Gateway traffic (real time)	•	•			
Monitoring of Gateway traffic (historical)	•				
Broad client support for plugins	•	•	•	•	•
Customizable web portal	•	•	•	•	•
SSL VPN remote access	•	•	•	•	•
ICA Proxy to Citrix Virtual Apps and Desktops	•	•	•	•	
Contextual policies for Citrix Virtual Apps and Desktops (SmartAccess)	•	•	•	•	•
End point analysis	•	•	•	•	•
Secure browser-only access (CVPN)	•	•	•	•	•
Always-On	•	•	•	•	•
Integration with Citrix StoreFront	•	•	•		•

• Standard • Option

*For ADC versions after 11.1, the Standard edition includes (500) Universal licenses, Enterprise or Advanced editions include (1000) Universal licenses, and there are no Universal license requirements with Platinum or Premium editions. For versions previous to NetScaler ADC 11.1, the Standard and Enterprise editions include (5) Universal licenses, and the Platinum edition includes (100) Universal licenses.

**An AppCache license is required for several front-end optimization features.

Platform	MPX/SDX 26200-100G	MPX/SDX 26160-100G	MPX/SDX 26100-100G
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Attributes

Memory	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	8x 100GE QSFP28	8x 100GE QSFP28	8x 100GE QSFP28
Transceivers support	50GE/100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required); 10GE SFP+: SR, LR (Adapter required)	50GE/100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required); 10GE SFP+: SR, LR (Adapter required)	50GE/100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required); 10GE SFP+: SR, LR (Adapter required)
Raid support	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX 26200-100G	Upgrade option to MPX 26160-100G, 26200-100G

Performance

System throughput, Gbps (L7 throughput)	200	160	100
L7 HTTP requests/sec	5,500,000	4,200,000	3,200,000
SSL transactions/sec (2K key certificates)*	125,000	110,000	66,000
ECDHE transactions/sec**	58,000	50,000	30,000
SSL throughput, Gbps	60	48	36
Compression throughput, Gbps	18	15	12
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	115	70	20

Mechanical, environmental, and regulatory

Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes
Max power supply	822W	822W	822W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	48	48	48
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1
Electromagnetic emissions certifications and susceptibility standard	US (FCC (Part 15 Class A)), Europe (CE (EN 55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN 55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN 55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	2U1P1D	2U1P1D	2U1P1D

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX 26200-50S	MPX 26160-50S	MPX 26100-50S
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Attributes

Memory	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	4x50GE QSFP28 16x25GE SFP28	4x50GE QSFP28 16x25GE SFP28	4x50GE QSFP28 16x25GE SFP28
Transceivers support	50GE QSFP28 port-50GE/ 100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 25GE SFP28 port-25GE SFP28: SR 10GE SFP+: SR, LR	50GE QSFP28 port-50GE/ 100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 25GE SFP28 port-25GE SFP28: SR 10GE SFP+: SR, LR	50GE QSFP28 port-50GE/ 100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 25GE SFP28 port-25GE SFP28: SR 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX 26200-50S	Upgrade option to MPX 26160-50S, 26200-50S

Performance

System throughput, Gbps (L7 throughput)	200	160	100
L7 HTTP requests/sec	6,500,000	5,500,000	4,500,000
SSL transactions/sec (2K key certificates)*	600,000	460,000	280,000
ECDHE transactions/sec**	250,000	190,000	115,000
SSL throughput, Gbps	120	100	80
Compression throughput, Gbps	22	16	13
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	N/A	N/A	N/A

Mechanical, environmental, and regulatory

Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	No	No	No
Max power supply	1200W	1200W	1200W
Typical/max power consumption	628W/764W	628W/764W	628W/764W
Weight, lbs	48	48	48
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1
Electromagnetic emissions certifications and susceptibility standard	US (FCC (Part 15 Class A)), Europe (CE (EN 55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	2U1P2A	2U1P2A	2U1P2A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX 26200T-100G	MPX 26160T-100G	MPX 26100T-100G
Attributes			
Memory	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	8x 100GE QSFP28	8x 100GE QSFP28	8x 100GE QSFP28
Transceivers support	50GE/100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required); 10GE SFP+: SR, LR (Adapter required)	50GE/100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required); 10GE SFP+: SR, LR (Adapter required)	50GE/100GE QSFP28: SR4 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required); 10GE SFP+: SR, LR (Adapter required)
Raid support	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX 26200T-100G	Upgrade option to MPX 26160T-100G, 26200T-100G
Performance			
System throughput, Gbps (L7 throughput)	200	160	100
L7 HTTP requests/sec	5,500,000	4,200,000	3,200,000
SSL transactions/sec (2K key certificates)*	N/A	N/A	N/A
ECDHE transactions/sec**	N/A	N/A	N/A
SSL throughput, Gbps	N/A	N/A	N/A
Compression throughput, Gbps	18	15	12
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	N/A	N/A	N/A
Mechanical, environmental, and regulatory			
Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes
Max power supply	822W	822W	822W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	48	48	48
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1
Electromagnetic emissions certifications and susceptibility standard	US (FCC (Part 15 Class A)), Europe (CE (EN55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/ 55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	2U1P1D	2U1P1D	2U1P1D

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX 26200	MPX 26160	MPX 26100
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Attributes

Memory	256GB	256GB	256GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	8x50GE QSFP28; 16x25G SFP28	8x50GE QSFP28; 16x25G SFP28	8x50GE QSFP28; 16x25G SFP28
Transceivers support	50GE/100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 25GE SFP28 port: 25GE SFP28: SR 10GE SFP+: SR, LR	50GE/100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 25GE SFP28 port: 25GE SFP28: SR 10GE SFP+: SR, LR	50GE/100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 25GE SFP28 port: 25GE SFP28: SR 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX 26200	Upgrade option to MPX 26160, 26200

Performance

System throughput, Gbps (L7 throughput)	200	160	100
L7 HTTP requests/sec	5,400,000	4,300,000	3,800,000
SSL transactions/sec (2K key certificates)*	310,000	220,000	140,000
ECDHE transactions/sec**	130,000	90,000	60,000
SSL throughput, Gbps	80	64	51
Compression throughput, Gbps	22	17	13
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000
Number of instances included/Maximum number of instances (on SDX models)	N/A	N/A	N/A

Mechanical, environmental, and regulatory

Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes
Max power supply	1000W	1000W	1000W
Typical/max power consumption	540W/672W	540W/672W	540W/672W
Weight lbs	48	48	48
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28in / 71.2 cm	28in / 71.2 cm	28in / 71.2 cm
Operating temperature	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 60950-1
Electromagnetic emissions certifications and susceptibility standard	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	2U1P1D	2U1P1D	2U1P1D

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX 25160T	MPX 25100T	MPX 25200TA	MPX 25160TA
Attributes				
Memory	128 GB	128 GB	128 GB	128 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	32x 10GE SFP+	32x 10GE SFP+	8x 40GE QSFP+	8x 40GE QSFP+
Transceivers support	10GE SFP+; 1G SFP-CU	10GE SFP+; 1G SFP-CU	40GE QSFP+; SR4	40GE QSFP+; SR4
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX 25160T		Upgrade option to MPX 25200T
Performance				
System throughput, Gbps (L7 throughput)	160	100	200	160
L7 HTTP requests/sec	4,600,000	3,200,000	5,200,000	4,600,000
SSL transactions/sec (2K key certificates)*	2,000	1,400	2,000	2,000
ECDHE transactions/sec**	N/A	N/A	N/A	N/A
SSL throughput, Gbps	21	15	30	21
Compression throughput, Gbps	14	10	17	14
ICA Proxy/SSL VPN concurrent users	35,000	35,000	35,000	35,000
Number of instances included/ Maximum number of instances (on SDX models)	N/A	N/A	N/A	N/A
Mechanical, environmental, and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1000W	1000W	1000W	1000W
Typical/max power consumption	594W/717W	594W/717W	594W/717W	594W/717W
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	72 cm / 28.25 in	72 cm / 28.25 in	72 cm / 28.25 in	72 cm / 28.25 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1A	2U1P1A	2U1P1A	2U1P1A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX 25100TA	MPX/SDX 25200A	MPX/SDX 25160A	MPX/SDX 25100A
Attributes				
Memory	128 GB	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	8x 40GE QSFP+	8x 40GE QSFP+	8x 40GE QSFP+	8x 40GE QSFP+
Transceivers support	40GE QSFP+: SR4,	40GE QSFP+: SR4,	40GE QSFP+: SR4,	40GE QSFP+: SR4,
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades	Upgrade option to MPX 25160TA, 25200TA		Upgrade option to MPX/SDX 25200A	Upgrade option to MPX/SDX 25160A, 25200A
Performance				
System throughput, Gbps (L7 throughput)	100	200	160	100
L7 HTTP requests/sec	3,200,000	5,200,000	4,000,000	3,000,000
SSL transactions/sec (2K key certificates)*	1,400	69,000	69,000	43,000
ECDHE transactions/sec**	N/A	56,000	47,000	29,000
SSL throughput, Gbps	15	46	42	34
Compression throughput, Gbps	10	17	14	10
ICA Proxy/SSL VPN concurrent users	35,000	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	N/A	115/115	70/115	20/115
Mechanical, environmental, and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1000W	822W	822W	822W
Typical/max power consumption	594W/717W	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	72 cm / 28 1/4 in	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1A	2U1P1A	2U1P1A	2U1P1A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX/SDX 25200-40G	MPX/SDX 25160-40G	MPX/SDX 25100-40G	MPX/SDX 24150
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Attributes

Memory	256 GB	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+	24x 10GE SFP+ and 12XGE SFP (fiber or copper)
Transceivers support	40GE QSFP+; SR4; 10GE SFP+; SR, LR	40GE QSFP+; SR4; 10GE SFP+; SR, LR	40GE QSFP+; SR4; 10GE SFP+; SR, LR	10GE SFP+; 1GE SFP; SR, LR, CU
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX/SDX 25200-40G	Upgrade option to MPX/SDX 25160-40G, 25200-40G	

Performance

System throughput, Gbps (L7 throughput)	200	160	100	150
L7 HTTP requests/sec	5,000,000	4,000,000	3,000,000	5,800,000
SSL transactions/sec (2K key certificates)*	69,000	69,000	43,000	135,000
ECDHE transactions/sec**	56,000/7,000	47,000/6,500	29,000/5,000	40,000/16,500
SSL throughput, Gbps	46	42	34	44
Compression throughput, Gbps	17	14	10	14.6
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	35,000
Number of instances included/ Maximum number of instances (on SDX models)	115/115	70/115	20/115	80/80

Mechanical, environmental, and regulatory

Power supplies	2	2	2	4
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	822W	822W	822W	1100W 3753 BTU/Hr
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	58
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1A	2U1P1A	2U1P1A	2U1P1A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Maximum ECDHE key transaction per second (TLS1-ECDHE-RSA-AES128-SHA 256)/Accelerated transactions only

Platform	MPX/SDX 24100	MPX/SDX 22120	MPX/SDX 22100	MPX/SDX 22080
Attributes				
Memory	256 GB	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	24x 10GE SFP+ and 12XGE SFP (fiber or copper)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)
Transceivers support	10GE SFP+: SR; 1GE SFP: SR, LR, CU	10GE SFP+: SR, LR; 1GE SFP: SX, LX	10GE SFP+: SR, LR	10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades	Upgrade option to MPX/SDX 24150		Upgrade option to MPX/SDX 22120	Upgrade option to MPX/SDX 22100 and 22120
Performance				
System throughput, Gbps (L7 throughput)	100	120	100	80
L7 HTTP requests/sec	3,500,000	4,700,000/3,700,000	4,500,000/3,700,000	4,000,000/3,700,000
SSL transactions/sec (2K key certificates)*	100,000	560,000 155,000 (NEBS)	460,000 130,000 (NEBS)	340,000 80,000 (NEBS)
ECDHE transactions/sec**	32,000/12,380	85,000/65,000	73,000/49,000	62,000
SSL throughput, Gbps	40	75/56.42 (NEBS)	65/56.35 (NEBS)	55.30 (NEBS)
Compression throughput, Gbps	10	14/12.8	14/12.8	12.5
ICA Proxy/SSL VPN concurrent users	35,000	35,000	35,000	35,000
Number of instances included/ Maximum number of instances (on SDX models)	40/80	80/80	80/80	80/80
Mechanical, environmental, and regulatory				
Power supplies	4	4	4	4
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1100W 3753 BTU/Hr	1100W 3753 BTU/Hr	1100W 3753 BTU/Hr	1100W 3753 BTU/Hr
Typical/max power consumption	850W 2900 BTU/Hr	850W 2900 BTU/Hr	850W 2900 BTU/Hr	850W 2900 BTU/Hr
Weight, lbs	58	58	58	58
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available
Citrix compliance regulatory model	24x 10GE SFP+	24x 10GE SFP+	24x 10GE SFP+	24x 10GE SFP+

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Maximum ECDHE key transaction per second (TLS1-ECDHE-RSA-AES128-SHA 256)/Accelerated transactions only

Platform	MPX/SDX 22060	MPX/SDX 22040	MPX/SDX 15100-50G	MPX/SDX 15080-50G
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Attributes

Memory	256GB	256GB	128 GB	128 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)	4x 50GE QSFP28; 8x 10GE SFP+	4x 50GE QSFP28; 8x 10GE SFP+
Transceivers support	10GE SFP+: SR, LR	10GE SFP+: SR, LR	50GE QSFP28 port: 50GE/ 100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 10GE SFP+ port: 10GE SFP+: SR, LR	50GE QSFP28 port: 50GE/ 100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 10GE SFP+ port: 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades	Upgrade option to MPX/SDX 22080, 22100, and 22120	Upgrade option to MPX/ SDX 22060, 22080, 22100, and 22120		Upgrade option to MPX 15100-50G

Performance

System throughput, Gbps (L7 throughput)	60	40	100	80
L7 HTTP requests/sec	3,500,000	2,600,000	4,000,000	3,900,000
SSL transactions/sec (2K key certificates)*	225,000 65,000 (NEBS)	120,000 40,000 (NEBS)	140,000	127,000
ECDHE transactions/sec**	44,000/24,700	28,000/12,300	60,000	55,000
SSL throughput, Gbps	45 22 (NEBS)	35 18 (NEBS)	70	60
Compression throughput, Gbps	11	8	10	9.3
ICA Proxy/SSL VPN concurrent users	35,000	35,000	20,000	20,000
Number of instances included/Maximum number of instances (on SDX models)	80/80	20/80	50	45

Mechanical, environmental, and regulatory

Power supplies	4	4	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1000W 3753 BTU/Hr	1000W 3753 BTU/Hr	522W	522W
Typical/max power consumption	850W 2900 BTU/Hr	850W 2900 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight lbs	58	58	39	39
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)
Regulatory compliance	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; REACH	RoHS, WEEE; REACH
Citrix compliance regulatory model	24x 10GE SFP+	24x 10GE SFP+	2U1P1A	2U1P1A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Maximum ECDHE key transaction per second (TLS1-ECDHE-RSA-AES128-SHA 256)/Accelerated transactions only

Platform	MPX/SDX 15060-50G	MPX/SDX 15040-50G	MPX/SDX 15030-50G	MPX/SDX 15020-50G
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Attributes

Memory	128 GB	128 GB	128 GB	128 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	4x 50GE QSFP28; 8x 10GE SFP+	4x 50GE QSFP28; 8x 10GE SFP+	4x 50GE QSFP28; 8x 10GE SFP+	4x 50GE QSFP28; 8x 10GE SFP+
Transceivers support	50GE QSFP28 port: 50GE/ 100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 10GE SFP+ port: 10GE SFP+: SR, LR	50GE QSFP28 port: 50GE/ 100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 10GE SFP+ port: 10GE SFP+: SR, LR	50GE QSFP28 port: 50GE/ 100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 10GE SFP+ port: 10GE SFP+: SR, LR	50GE QSFP28 port: 50GE/ 100GE QSFP28: SR4; 40GE QSFP+: SR4 25GE SFP28: SR (Adapter required) 10GE SFP+: SR, LR (Adapter required) 10GE SFP+ port: 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades	Upgrade option to MPX 15100/80-50G	Upgrade option to MPX 15100/80/60-50G	Upgrade option to MPX 15100/80/60/40-50G	Upgrade option to MPX 15100/80/60/40/30-50G

Performance

System throughput, Gbps (L7 throughput)	60	40	30	20
L7 HTTP requests/sec	3,200,000	3,000,000	2,800,000	2,500,000
SSL transactions/sec (2K key certificates)*	110,000	66,000	42,000	24,000
ECDHE transactions/sec**	45,000	30,000	20,000	11,000
SSL throughput, Gbps	50	40	30	21
Compression throughput, Gbps	8.5	7.8	7.2	6.4
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included/Maximum number of instances (on SDX models)	40	30	20	5

Mechanical, environmental, and regulatory

Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	522W	522W	522W	522W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight lbs	39	39	39	39
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	72 cm / 28 ¼ in	72 cm / 28 ¼ in	72 cm / 28 ¼ in	72 cm / 28 ¼ in
Operating temperature	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1
Electromagnetic emissions certifications and susceptibility standard	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)
Regulatory compliance	RoHS, WEEE	RoHS, WEEE; REACH	RoHS, WEEE; REACH	RoHS, WEEE; REACH
Citrix compliance regulatory model	2U1P1A	2U1P1A	2U1P1A	2U1P1A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX 15100	MPX 15080	MPX 15060	MPX 15040
Attributes				
Memory	128 GB	128 GB	128 GB	128 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	16x 25GE SFP28	16x 25GE SFP28	16x 25GE SFP28	16x 25GE SFP28
Transceivers support	25GE SFP28: SR; 10GE SFP+: SR, LR	25GE SFP28: SR; 10GE SFP+: SR, LR	25GE SFP28: SR; 10GE SFP+: SR, LR	25GE SFP28: SR; 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes	
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to 15100	Upgrade option to 15080	Upgrade option to 15060
Performance				
System throughput, Gbps (L7 throughput)	100	80	60	40
L7 HTTP requests/sec	3,600,000	3,500,000	3,200,000	3,000,000
SSL transactions/sec (2K key certificates)*	140,000	127,000	110,000	66,000
ECDHE transactions/sec**	60,000	55,000	45,000	30,000
SSL throughput, Gbps	70	60	50	40
Compression throughput, Gbps	10.5	9.3	8.5	7.8
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included/Maximum number of instances (on SDX models)	N/A	N/A	N/A	N/A
Mechanical, environmental, and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1000W	1000W	1000W	1000W
Typical/max power consumption	310W/420W	310W/420W	310W/420W	310W/420W
Weight lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1
Electromagnetic emissions certifications and susceptibility standard	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	2U1P1A	2U1P1A	2U1P1A	2U1P1A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX 15030	MPX 15020	MPX/SDX 14100	MPX/SDX 14080
Attributes				
Memory	128 GB	128 GB	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	16x 25GE SFP28	16x 25GE SFP28	16x 10GE SFP+	16x 10GE SFP+
Transceivers support	25GE SFP28: SR; 10GE SFP+: SR, LR	25GE SFP28: SR; 10GE SFP+: SR, LR	10GE SFP+: SR, LR; 1GE SFP: CU	10GE SFP+: SR, LR; 1GE SFP: CU
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades	Upgrade option to 15040	Upgrade option to 15030		Upgrade option to MPX/SDX 14100
Performance				
System throughput, Gbps (L7 throughput)	30	20	100	80
L7 HTTP requests/sec	2,800,000	2,500,000	3,000,000	2,800,000
SSL transactions/sec (2K key certificates)*	42,000	24,000	69,000	69,000
ECDHE transactions/sec**	20,000	11,000	33,500/8200	32,000/8,200
SSL throughput, Gbps	30	20	46	43
Compression throughput, Gbps	7.2	6.4	10	8.5
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included/Maximum number of instances (on SDX models)	N/A	N/A	25/25	25/25
Mechanical, environmental, and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1000W	1000W	528W	528W
Typical/max power consumption	310W/420W	310W/420W	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)	0 - 45°C (32 - 113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/ NZS 60950-1	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55032/55024)), Australia (RCM), Japan (VCCI), Korea (KCC), Taiwan (BSMI), China (CCC), India (BIS), Russia (CUTR) Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available
Citrix compliance regulatory model	2U1PID	2U1PID	24x 10GE SFP+	24x 10GE SFP+

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Maximum ECDHE key transaction per second (TLS1-ECDHE-RSA-AES128-SHA 256)/Accelerated transactions only

Platform	MPX/SDX 14060	MPX/SDX 14040	MPX/SDX 14030	MPX/SDX 14020
Attributes				
Memory	64 GB	64 GB	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	16x 10GE SFP+	16x 10GE SFP+	16x 10GE SFP+	16x 10GE SFP+
Transceivers support	10GE SFP+: SR, LR; 1GE SFP: CU	10GE SFP+: SR, LR; 1GE SFP: CU	10GE SFP+: SR, LR; 1GE SFP: CU	10GE SFP+: SR, LR; 1GE SFP: CU
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades	Upgrade option to MPX/SDX 14080 and 14100	Upgrade option to MPX/SDX 14060, 14080, and 14100	Upgrade option to MPX/SDX 14040, 14060, 14080, and 14100	Upgrade option to MPX/SDX 14030, 14040, 14060, 14080, and 14100
Performance				
System throughput, Gbps (L7 throughput)	60	40	30	20
L7 HTTP requests/sec	2,400,000	2,400,000	2,000,000	1,700,000
SSL transactions/sec (2K)*	69,000	42,000	30,000	22,000
ECDHE transactions/sec**	31,500/8,200	25,500/3,400	23,000/3,100	20,000/3,000
SSL throughput, Gbps	40	34	23	20
Compression throughput, Gbps	8	6	5	4.4
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	25/25	20/25	10/25	5/25
Mechanical, environmental, and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	528W	528W	528W	528W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE,	RoHS, WEEE,	RoHS, WEEE,	RoHS, WEEE,
Citrix compliance regulatory model	2U1P1B	2U1P1B	2U1P1B	2U1P1B

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Maximum ECDHE key transaction per second (TLS1-ECDHE-RSA-AES128-SHA 256)/Accelerated transactions only

Platform	MPX/SDX 14100-40G	MPX/SDX 14080-40G	MPX/SDX 14060-40G
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Attributes

Memory	64 GB	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+
Transceivers support	40GE QSFP+: SR4, 10GE SFP+: SR, LR	40GE QSFP+: SR4, 10GE SFP+: SR, LR	40GE QSFP+: SR4, 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX-SDX 14100-4G	Upgrade option to MPX/SDX 14080-40G, 14100-40G

Performance

System throughput, Gbps (L7 throughput)	100	80	60
L7 HTTP requests/sec	2,800,000	2,800,000	2,400,000
SSL transactions/sec (2K)*	69,000	69,000	69,000
ECDHE transactions/sec**	33,500/8,200	32,000/8,200	31,500/8,200
SSL throughput, Gbps	45	43	40
Compression throughput, Gbps	8.6	8.6	8
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	25/25	25/25	25/25

Mechanical, environmental, and regulatory

Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes
Max power supply	528W	528W	528W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1B	2U1P1B	2U1P1B

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Maximum ECDHE key transaction per second (TLS1-ECDHE-RSA-AES128-SHA 256)/Accelerated transactions only

Platform	MPX/SDX 14040-40G	MPX/SDX 14020-40G	MPX/SDX 14100-40S	MPX/SDX 14080-40S
Attributes				
Memory	64 GB	64 GB	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 8x 10GE SFP+	4x 40GE QSFP+; 8x 10GE SFP+
Transceivers support	40GE QSFP+; SR4; 10GE SFP+; SR, LR	40GE QSFP+; SR4; 10GE SFP+; SR, LR	40GE QSFP+; SR4; 10GE SFP+; SR, LR	40GE QSFP+; SR4; 10GE SFP+; SR, LR
Raid support	Yes	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades	Upgrade option to MPX/SDX 14060-40G, 14080-40G, 14100-40G	Upgrade option to MPX/SDX 14040-40G, 14060-40G, 14080-40G, 14100-40G		Upgrade option to MPX/SDX 14100-40S
Performance				
System throughput, Gbps (L7 throughput)	40	20	100	80
L7 HTTP requests/sec	2,400,000	1,400,000	2,900,000	2,800,000
SSL transactions/sec (2K)*	42,000	22,000	275,000	207,000
ECDHE transactions/sec**	25,500/3,400	20,000/3,000	51,000/32,500	45,000/24,000
SSL throughput, Gbps	34	21	59	54
Compression throughput, Gbps	6	4.4	10.5	8.6
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	20/25	5/25	25/25	25/25
Mechanical, environmental, and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	528W	528W	528W	528W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE,	RoHS, WEEE,	RoHS, WEEE,	RoHS, WEEE,
Citrix compliance regulatory model	2U1P1B	2U1P1B	2U1P1B	2U1P1B

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Maximum ECDHE key transaction per second (TLS1-ECDHE-RSA-AES128-SHA 256)/Accelerated transactions only

Platform	MPX 14060-40S	MPX/SDX 14040-40S
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Attributes

Memory	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	4x 40GE QSFP+; 8x 10GE SFP+	4x 40GE QSFP+; 8x 10GE SFP+
Transceivers support	40GE QSFP+: SR4; 10GE SFP+: SR, LR	40GE QSFP+: SR4; 10GE SFP+: SR, LR
Raid support	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades	Upgrade option to MPX/SDX 14080-40S, 14100-40S	Upgrade option to MPX/SDX 14060-40S, 14080-40S, 14100-40S

Performance

System throughput, Gbps (L7 throughput)	60	40
L7 HTTP requests/sec	2,700,000	2,400,000
SSL transactions/sec (2K)*	172,000	103,000
ECDHE transactions/sec**	39,500/20,000	26,500/12,000
SSL throughput, Gbps	49	43
Compression throughput, Gbps	8	7.5
ICA Proxy/SSL VPN concurrent users	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	20/25	20/25

Mechanical, environmental, and regulatory

Power supplies	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes
Max power supply	528W	528W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60
Height	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE,	RoHS, WEEE,
Citrix compliance regulatory model	2U1P1B	2U1P1B

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Maximum ECDHE key transaction per second (TLS1-ECDHE-RSA-AES128-SHA 256)/Accelerated transactions only

Platform	MPX/SDX 14080 FIPS	MPX/SDX 14060 FIPS	MPX/SDX 14030 FIPS
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Attributes

Memory	64 GB	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	16x 10GE SFP+	16x 10GE SFP+	16x 10GE SFP+
Transceivers support	10GE SFP+: SR, LR; 1GE SFP: CU	10GE SFP+: SR, LR; 1GE SFP: CU	10GE SFP+: SR, LR; 1GE SFP: CU
Raid support	Yes	Yes	Yes
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX/SDX 14080 FIPS	Upgrade option to MPX/SDX 14060 FIPS, 14080 FIPS

Performance

System throughput, Gbps (L7 throughput)	80	60	30
L7 HTTP requests/sec	2,000,000	1,800,000	1,400,000
SSL transactions/sec (2K)*	33,000	25,000	18,000
ECDHE transactions/sec**	N/A	N/A	N/A
SSL throughput, Gbps	30	23	18
Compression throughput, Gbps	6.8	6	5
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	25/25	25/25	10/25

Mechanical, environmental, and regulatory

Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes
Max power supply	650W 2219 BTU/Hr	528W	528W
Typical/max power consumption	300W 1706 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	45	60	60
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	71.1 cm / 28 in	71.1 cm / 28 in	71.1 cm / 28 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE, FIPS 140-2, Level 3	RoHS, WEEE, FIPS 140-2, Level 3	RoHS, WEEE, FIPS 140-2, Level 3
Citrix compliance regulatory model	2U1P1B	2U1P1B	2U1P1B

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX/SDX 8930	MPX/SDX 8920	MPX 8910	MPX 8905
Attributes				
Memory	32 GB	32 GB	32 GB	32 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	4x 10GE SFP+; 6x 10/100/1000 CU	4x 10GE SFP+; 6x 10/100/1000 CU	4x 10GE SFP+; 6x 10/100/1000 CU	4x 10GE SFP+; 6x 10/100/1000 CU
Transceivers support	10GE SFP+: SR, LR;	10GE SFP+: SR, LR;	10GE SFP+: SR, LR;	10GE SFP+: SR, LR;
Raid support	No	No	No	No
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX/ SDX 8930	Upgrade option to MPX 8920 and 8930	Upgrade option to MPX 8910, 8920, and 8930
Performance				
System throughput, Gbps (L7 throughput)	33	20	10	5
L7 HTTP requests/sec	2,300,000	1,700,000	1,400,000	990,000
SSL transactions/sec (2K)*	40,000	22,000	13,000	8,000
ECDHE transactions/sec**	16,000	10,000	6,000	4,000
SSL throughput, Gbps	25	20	10	5
Compression throughput, Gbps	4.8	4	3.5	2.5
ICA Proxy/SSL VPN concurrent users	10,000	10,000	10,000	10,000
Number of instances included/ Maximum number of instances (on SDX models)	2/7	2/7	N/A	N/A
Mechanical, environmental, and regulatory				
Power supplies	1 (2nd optional)	1 (2nd optional)	1 (2nd optional)	1 (2nd optional)
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	275W	275W	275W	275W
Typical/max power consumption	225W	225W	225W	225W
Weight, lbs	25	25	25	25
Height	1U	1U	1U	1U
Width	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks
Depth	61 cm / 24 in	61 cm / 24 in	61 cm / 24 in	61 cm / 24 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	(FCC) (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC), (ICASA), (EAC)	(FCC) (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC), (ICASA), (EAC)	(FCC) (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC), (ICASA), (EAC)	(FCC) (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC), (ICASA), (EAC)
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	1U1P1A	1U1P1A	1U1P1A	1U1P1A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Platform	MPX 5910	MPX 5905	MPX 5901
Attributes			
Memory	16 GB	16 GB	16 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012)	2x 10GE SFP+; 6x 10/100/1000 CU	2x 10GE SFP+; 6x 10/100/1000 CU	2x 10GE SFP+; 6x 10/100/1000 CU
Transceivers support	10GE SFP+: SR, LR; 1GE SFP: CU	10GE SFP+: SR, LR; 1GE SFP: CU	10GE SFP+: SR, LR; 1GE SFP: CU
Raid support	No	No	No
Pay-As-You-Grow and Burst Pack License upgrades		Upgrade option to MPX 5910	Upgrade option to MPX 5905 and 5910
Performance			
System throughput, Gbps (L7 throughput)	10	5	1
L7 HTTP requests/sec	900,000	700,000	400,000
SSL transactions/sec (2K)*	12,000	6,000	4,000
ECDHE transactions/sec**	6,000	3,000	1,700
SSL throughput, Gbps	8	5	1
Compression throughput, Gbps	2.5	1.5	1
ICA Proxy/SSL VPN concurrent users	5,000	5,000	5,000
Number of instances included/ Maximum number of instances (on SDX models)	N/A	N/A	N/A
Mechanical, environmental, and regulatory			
Power supplies	1 (2nd optional)	1 (2nd optional)	1 (2nd optional)
Input voltage and frequency ranges	100-240VAC full range	100-240VAC full range	100-240VAC full range
Optional DC power supply	Yes	Yes	Yes
Max power supply	336W	336W	336W
Typical/max power consumption	300W 840 BTU/Hr	300W 840 BTU/Hr 3	00W 840 BTU/Hr
Weight, lbs	25	25	25
Height	1U	1U	1U
Width	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks
Depth	61 cm / 24 in	61 cm / 24 in	61 cm / 24 in
Operating temperature	0-45°C (32-113°F)	0-45°C (32-113°F)	0-45°C (32-113°F)
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	(FCC) (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC)	(FCC) (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC)	(FCC) (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC)
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	1U1P1A	1U1P1A	1U1P1A

*Performance varies depending on ciphers deployed. Contact your Citrix sales representative for details.

**Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256).

Technical aspects

Citrix Gateway

- Provides consolidation of secure remote access infrastructure with one URL
- Provides SAML 2.0 federated identity to provide single sign-on (SSO) across all applications, whether in a data center or in a cloud
- One URL to access any application
- Always-On allows auto-reconnect of SSL VPN session when users are moving between networks
- Integration with StoreFront allows importing UI changes from StoreFront to Gateway portal and vice versa
- Gateway Insight for monitoring and troubleshooting all Gateway traffic for issues like authentication, EPA, single sign-on failures, etc.
- nFactor authentication for all applications
- Stateless RDP proxy
- Support for Linux (Ubuntu 14.04 32bit / 64bit, Ubuntu 12.04 32bit / 64bit)
- Support for Mac (OS X 10.9 (Mavericks), OS X 10.10 (Yosemite))
- Support for Windows 7, 8, and 8.1 (32bit / 64bit)
- Support for iOS 7.1 or later. Compatible with iPhone, iPad, and iPod touch.
- Support for Android 4.1.x and 4.2.x (Jelly Bean), 4.4.x (KitKat)
- 5.x (Lollipop).

Secure access

- Citrix Virtual Apps and Desktops and Citrix Endpoint Management, formerly XenMobile, integration
- Device certificate scanning
- Single sign-on using NTLM/Kerberos/SAML etc.
- SmartAccess: Adaptive application and action control enforced on Citrix Virtual Apps and Desktops servers
- SmartControl: Adaptive application and action control enforced on Citrix Gateway, thereby providing centralized policy management and security at the edge
- Integrated Citrix Gateway SSL VPN
- For ADC versions after 11.1, the Standard edition includes (500) Universal licenses, Enterprise or Advanced editions include (1000) Universal licenses, and there are no Universal license requirements with Platinum or Premium editions. For versions previous to NetScaler ADC 11.1, the Standard and Enterprise editions include (5) Universal licenses, and the Platinum edition includes (100) Universal licenses.
- Endpoint analysis of user device
- SAML 2.0 and nFactor; passwords for single sign on to applications running behind Citrix Gateway
- AAA traffic management
- SAML 2.0 and NTLMv1/2 support for configuring ADC with single sign-on (SSO)
- Support for Active Directory, LDAP, RADIUS, TACACS +, OCSP, Diameter, etc.

L4-7 traffic management

Layer 4 load balancing (LB)

- Protocols supported: TCP, UDP, FTP, HTTP, HTTPS, DNS (TCP and UDP), SIP (over UDP), RTSP, RADIUS, Diameter, SQL, RDP, IS-IS, SMPP
- Algorithms: Round Robin, Least Packets, Least Bandwidth, Least Connections, Response Time, Hashing (URL, Domain, Source IP, Destination IP, and CustomID), SNMP-provided metric, Server Application State Protocol (SASP)
- Session persistence: Source IP, cookie, server, group, SSL session, SIP CALLID, Token-based, SESSIONID, Diameter AVP
- Session protocols: TCP, UDP, SSL_TCP, Multi-path TCP, SPDY
- Server monitoring: Ping, TCP, URL, ECV, scriptable health checks, Dynamic Server Response Time
- Link load balancing

Layer 7 content switching

- Policies: URL, URL Query, URL Wildcard, Domain, Source/ Destination IP, HTTP Header, Custom, HTTP and TCP Payload Values, UDP, Diameter AVP
- Switch requests based on protocol of incoming packets

Database load balancing

- Support for Microsoft SQL Server and MySQL
- Switching algorithms include SQL query parameters such as user and database names and command parameters
- Token-based load balancing provides advanced configuration for persistence and fault-tolerant deployments

TriScale Clustering²

- inScale-Outin with clustering up to 32 Citrix ADC appliances into single system image and up to 3 Tbps throughput
- Configuration Coordinator node for centralized management and synchronization
- Compatible with Pay-As-You-Grow and Burst Pack performance upgrades
- Traffic distribution mechanisms include: Equal Cost Multiple Path (ECMP), Link-sets, and Cluster Link Aggregation Group (CLAG)
- Available on Citrix ADC MPX, SDX, and VPX
- Modules may be configured on all nodes in a cluster or using “spotted VIPS,” in which they are added only to a select subset of nodes

e-based policy enforcement

- Trigger ADC policies based upon connections per second, packets per second, or bandwidth used
- Source or destination-based upon header or payload information

Traffic domains

- Allows overlapping IP addresses
- Provides separate routing flows within a single appliance
- Enables basic multi-tenancy implementations

Admin Partitioning

- Independent instances that share resources on the appliance
- Maximum number of 512 admin partitions per appliance

Global server load balancing (GSLB)

- Algorithms: site health, geographic proximity, network proximity, connections, bandwidth, AG-E SSL VPN users
- Site health checking on status, connection load, packet rate, SNMP-provided metrics

Surge protection and priority queuing²

- Adaptive rate control for TCP connections and HTTP requests
- Prioritized transaction dispatch for critical application requests

Carrier-Grade Network Address Translation²

- Support for: Full-cone NAT, Deterministic NAT, Endpoint-Independent Mapping and Filtering, Hairpinning
- Application Layer Gateways: FTP, TFTP, ICMP, SIP, RTSP, PPTP, GRE

Subscriber-aware traffic steering

- Policy control interface: Gx, RADIUS

Application acceleration

TCP optimization

- Multiplexing, buffering, connection keep-alive, windows scaling, selective acknowledgement, fast ramp, TCP Westwood
- AppCompress
- Gzip-based compression for HTTP traffic AppCache3
- Caching for static and dynamic application content
- HTTP GET and POST method support
- Policies defined based upon HTTP header and body values

Application security

DoS attack defense

- Continue service to legitimate users while protecting against attacks such as SYN Flood, HTTP DoS, and Ping of Death
- ICMP and UDP rate control

Content rewriting and response control

- Policy-based bidirectional rewriting of HTTP header and payload elements
- Policy-based redirection of incoming requests
- Body URL rewrite
- Responder module
- Custom responses and redirects
- Policy-based routing
- Network aware policies

SSL Encryption

- Supports Thales nShield and SafeNet HSM integration

DNSSEC

- DNS proxy
- Authoritative DNS
- DNS signing

Packet filtering

- Layer 3 and 4 Access Control Lists (ACL)
- Network Address Translation (NAT)
- IPv4/IPv6 Network Address Translation (NAT)

Citrix Web App Firewall with hybrid security model³

- Positive security model protects against: buffer overflow, CGI- BIN parameter manipulation, form/hidden field manipulation, forceful browsing, cookie or session poisoning, broken ACLs, cross-site scripting (XSS), command injection, SQL injection, error triggering sensitive information leak, insecure use of cryptography, server misconfiguration, back doors and debug options, rate-based policy enforcement, well known platform vulnerabilities, zero-day exploits, cross site request forgery (CSRF), credit card and other sensitive data leakage prevention
- Negative security model with automatically updated signatures to protect against L7 and HTTP application vulnerabilities
- Integrates with third-party scanning tools
- Common event format (CEF) logs
- XML security: XML denial of service (xDoS)
- XML SQL injection and cross site scripting, XML message validation, format checks, WS-I basic profile compliance, XML, XPath injection attachment check, xQuery Injection protection
- WSDL scan prevention
- Attachment checks
- URL transformation
- Cookie proxy and encryption
- SOAP array attack protection

IP Reputation service

- Enhanced service that provides a continuously updated list of malicious IP addresses in near realtime

Cloud connector for Citrix Networking³

- Network connectivity protection via IPSec security
- Datacenter extension through GRE-based network bridging

Support for Citrix Endpoint Management, formerly XenMobile MDM⁵

- Front end optimization scalable to over 100,000 concurrent users
- Citrix Gateway connector for Exchange ActiveSync, formerly XenMobile NetScaler Connector, provides a device level authorization service
- Application level policy controlled SSL VPN tunneling for mobile clients

Network integration

- Static routes, monitored static routes, weighted static routes
- OSPF, RIP1/2, BGP2
- VLAN 802.1Q
- Link Aggregation 802.3ad
- Stateful IPv6 to IPv4 network address translation and DNS64
- Static and stateless network address translation from IPv4 to IPv6

High availability

- Active/Passive
- Active/Active
- VRRP
- ECMP
- Connection mirroring

Simplified installation and management

User interface

- Graphical application visualizer
- Secure web-based GUI
- CLI, Telnet, SSH, Console
- Real-time performance dashboard
- LB, GSLB Application Firewall and configuration wizards for monitoring
- Citrix Virtual Apps configuration wizards

Policy management

- AppExpert Visual Policy Builder
- Policy extensibility via HTTP service callouts
- AppExpert templates
- AppExpert Visualizers

Command Center

- Centralized configuration and management of over 200 Citrix ADC appliances

Citrix Application Delivery Management (ADM), formerly NetScaler MAS:

- Citrix ADM is a software solution enabling traffic visibility; it includes HDX Insight and Web Insight and is based on AppFlow
- HDX Insight parses ICA sessions to provide troubleshooting, network analysis, and end-to-end performance for Citrix Virtual Apps and Desktops sessions. Historical data included in Premium Edition.
- Web Insight monitors real-time web application traffic and assists capacity planning and helps ensure SLAs
- AppFlow Standards-based NetFlow/IPFIX (Internet Protocol Flow Information Export) solution
- Supported by leading performance monitoring and management vendors
- Provides transaction level visibility for HTTP, SSL, TCP, and SSL/TCP flows

Action analytics

- Aggregates real-time traffic statistics and enables their use in setting dynamic policies
- Charting and analysis utilities using HDX Insight

Third-party management support

- SNMPv1, SNMPv2, and SNMPv3: Citrix ADC MIB and MIB-II support
- Microsoft System Center Operations Management (SCOM) support
- Comtrade support with Management Pack for Citrix ADC
- Microsoft System Center Virtual Machine Manager (SCVMM) support
- XML/SOAP API for automated application-driven configuration

Real-time consolidated logging

- Offloads logging from application server to a central location

Native web interface

- Integrated Web Interface Server for Citrix Virtual Apps and Desktops
- Supports JAVA environments with MPX and VPX platforms running Citrix ADC nCore OS
- Authentication methods include: LDAP, RADIUS, NTLM, TACACS+, Client Certificate
- Manage HTTPS requests via included SSL VPN
- Wizards-based configuration through Citrix ADC GUI
- Login page customization
- Includes Smart Access, smooth roaming, STA server redundancy, and session reliability

Lower total cost of ownership

Web cache redirection²

- Automatically direct requests with content not cached on ADC to cache farm
- N-tier multilayer load balancing support of cache servers

¹ Additional ADC packs with 3 (8xxx) or 5 (all other models) instances each are available. For SDX 8015, the maximum number of instances is 5.

² Available in ADC Advanced and Premium editions only.

³ Included in Premium edition only; not available with Standard or Advanced editions.

⁴ Available as a license upgrade on all editions and for MPX, SDX (excluding 22000 series), and VPX appliances.

⁵ Advanced edition with AppCache or Premium edition recommended.

About Citrix

Citrix (NASDAQ:CTXS) aims to power a world where people, organizations and things are securely connected and accessible to make the extraordinary possible. We help customers reimagine the future of work by providing the most comprehensive secure digital workspace that unifies the apps, data and services people need to be productive, and simplifies IT's ability to adopt and manage complex cloud environments. With 2016 annual revenue of \$3.42 billion, Citrix solutions are in use by more than 400,000 organizations including 99 percent of the Fortune 100 and 98 percent of the Fortune 500.



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