












LANforge System Prices










- **LANforge ICE Network Impairment Emulators**
- **LANforge FIRE Stateful Traffic Generators**
- **LANforge WiFIRE WiFi Network Traffic Generators**
- **LANforge Part Details**






NOTE: Prices do NOT include the optional 1 year of support unless otherwise specified. Some jurisdictions may require systems purchased to include 1 year of support, which will increase the base price by 17% accordingly.

LANforge WiFIRE WiFi Traffic Generators

Product	Description		Price
802.11a/b/g/n WiFi: CT520	Simulate up to 32 802.11a/b/g/n Wireless Stations in one small system. Each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		\$7,995
802.11a/b/g/n WiFi: CT520-64	Simulate up to 64 802.11a/b/g/n Wireless Stations in one small system. Each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		\$8,995
802.11a/b/g/n WiFi: CT520-128	Simulate up to 128 802.11a/b/g/n Wireless Stations in one small system. Each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		\$9,995
Dual-Radio 802.11a/b/g/n/ac WiFi: CT521a-264-1ac-1n	Simulate up to 200 802.11a/b/g/n and 64 802.11ac Wireless Stations in one small system. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks. For higher-performing systems, see the CT523 or higher series.		\$7,500




<p>2-Radio 802.11a/b/g/n/AC WiFi: CT522-264-1ac2-1n</p>	<p>Simulate up to 264 802.11a/b/g/n Wireless Stations in one small system. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.</p>		<p>\$23,850</p>
<p>3-Radio 802.11a/b/g/n WiFi: CT523-600</p>	<p>Simulate up to 600 802.11a/b/g/n Wireless Stations in one small system. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.</p>		<p>\$24,995</p>
<p>Dual-Radio 802.11a/b/g/n/ac WiFi: CT523-264-1ac-1n</p>	<p>Simulate up to 200 802.11a/b/g/n and 64 802.11ac Wireless Stations in one small system. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.</p>		<p>\$24,350</p>
<p>Single-Radio 802.11a/b/g/n/ac 4x4 MIMO WiFi: CT523-64-1ac2</p>	<p>Simulate up to 64 802.11ac 4x4 MIMO Wireless Stations in one small system. Additional 3x3 radios can be added. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks. Supports one MU-MIMO virtual station.</p>		<p>\$18,495</p>
<p>4-Radio 802.11a/b/g/n/ac 4x4 MU-MIMO WiFi: CT523b-256-2ac2-2ac</p>	<p>Simulate up to 128 802.11ac 4x4 MIMO and 128 802.11ac 3x3 MIMO Wireless Stations in one small system. The 4x4 radios only work on 5Ghz, but the 3x3 radios can work on both 2.4 and 5Ghz bands. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks. Supports two MU-MIMO virtual stations.</p>		<p>\$43,900</p>
<p>Three-Radio 802.11a/b/g/n/ac 4x4 MU-MIMO WiFi: CT524-328-2ac2-1n-10g</p>	<p>Simulate up to 328 802.11a/b/g/n/ac Wireless Stations in one small system. Also includes 10G Fiber ethernet NIC. Different NIC combinations are supported. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks. Supports two MU-MIMO virtual stations.</p>		<p>\$37,195</p>
<p>Three-Radio 802.11a/b/g/n/ac 3x3 MIMO WiFi: CT524-328-2ac-1n-</p>	<p>Simulate up to 328 802.11a/b/g/n/ac MIMO Wireless Stations in one small system. Also includes 1G Fiber ethernet NIC. Different NIC combinations are supported. Each radio can be configured independently, and each</p>		<p>\$33,500</p>






1gf	Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		
Two-Radio 802.11a/b/g/n/ac 3x3 MIMO WiFi: CT524-264-1ac-1n-ef	Simulate up to 264 802.11a/b/g/n/ac MIMO Wireless Stations in one small system. Also includes 4-port 1Gbps copper, and 2-port 1Gbps Fiber ethernet NIC. Different NIC combinations are supported. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		\$32,800
2U WiFIRE 802.11a/b/g/n Six Radio Wireless Station Emulator: CT525-1200-6n	Simulate up to 1200 802.11a/b/g/n Wireless Stations in one 2U system. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		\$46,985
2U WiFIRE 802.11b/g/ac Six Radio Wireless Station Emulator: CT525-384-6ac	Simulate up to 384 802.11b/g/ac Wireless Stations in one 2U system. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		\$61,995
2U WiFIRE 802.11ac/a/b/g/n Six Radio Wireless Station Emulator: CT525-792-3ac-3n	Simulate up to 600 802.11a/b/g/n and 192 /ac Wireless Stations in one 2U system. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		\$53,995
<i>Other Combinations of 2U WiFIRE 802.11ac/a/b/g/n Six Radio Wireless Station Emulator</i>			
CT525-128-2ac			\$29,240
CT525-328-2ac-1n			\$35,945
CT525-392-3ac-1n			\$43,195
CT525-656-4ac-2n			\$56,295
CT525-928-2ac-4n			\$51,645
	Simulate up to 1128 802.11a/b/g/n/ac MIMO Wireless		

Seven-Radio 802.11a/b/g/n/ac 3x3 MIMO WiFi: CT526-1128-2ac-5n-ef	Stations in one small system. Also includes 4-port 1Gbps copper, and 4-port 1Gbps Fiber ethernet NIC. Different NIC combinations are supported. Each radio can be configured independently, and each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for testing Access Points and other WiFi networks.		\$66,640
SMA RF Cable Bundle: CT540	Used to cable LANforge WiFIRE radios to SMA connectors on the system under test. Includes semi-rigid cables, 30dB fixed attenuators and more.		\$300
RF Attenuator: CT703b	Add 0-95.5dB attenuation in 0.5dB steps. Supports 3 connections (6 connectors, 3 in, 3 out). Can be controlled by software or by manually turning knobs on the faceplate.		\$5,495
RF Attenuator: CT704b	Add 0-95.5dB attenuation in 0.5dB steps. Supports 4 connections (8 connectors, 4 in, 4 out). Can be controlled by software or by manually turning knobs on the faceplate.		\$6,995
RF RADAR Simulator: CT711	RF Noise generator and RADAR pulse Simulator. Supports 2.4 and 5Ghz bands.		\$4,995

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LANforge FIRE Traffic Generators











Product	Description		Price
Affordable Remote Endpoint: CT314	Most affordable system, supports single 10/100 Ethernet port. Optional single b/g/n WiFi station interface. Useful for network monitoring.		\$595
Network in a Box: CT502-1G	Simulate up to 250 ethernet devices with unique MAC, IP Address and routing table over 6 physical ports with gigabit traffic generation. Excellent for testing routers and firewalls that monitor traffic flows. For low speed networks, consider the more affordable: CT502 .		\$12,250
Gigabit Generator: CT503	Generate and receive up to 8 Gbps of traffic with a single system. The CT503 is configured with 8 10/100/1000 Ethernet interfaces, and other options with more or fewer ports are available. This system is excellent for testing multi-port high-speed networks.		\$16,295
	Generate and receive 10 Gbps of traffic with a single		

CT503-10G	system. The CT503-10G is configured with two 10 Gigabit Fiber interfaces. Other options including portable systems and more ports are available. This system is excellent for testing multi-port high-speed networks. For even more capacity, consider the CT503-10G-4 system.		\$19,955
10 Gig Combo Generator: CT503-MIX	Generate and receive 12+ Gbps of traffic with a single system. The CT503-MIX is configured with two 10 Gigabit Fiber interfaces and 12 1Gbps SFP interfaces. This system is designed to be a general purpose network traffic generator for high-speed networks.		\$47,805
48-port Last-Mile Traffic Generator: CT570	Generate and receive up to 2 Gbps of traffic across 48 10/100 ethernet interfaces utilizing a single LANforge machine and a 48-port managed ethernet switch. This system is excellent for testing DSL, Cable Modem, and other networks with a large number of lower-speed network devices.		\$31,900
File-IO Generator: CT510-10G	Generate up to 2000 unique NFS, CIFS and other File-IO sessions. Excellent for testing File Servers and network storage devices. for the individual calls.		\$21,655
VoIP Call Generator: CT505-30	Generate up to 30 concurrent SIP calls with RTP. Excellent for testing SIP gateways, routers and QoS configurations. Includes optional PESQ module that provides automated perceptive quality scoring for the individual calls. See also: CT505-100 . Systems supporting up to 500 calls are also available.		\$13,450

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LANforge ICE Network Impairment Emulators

Product	Description		Price
Appliance: CT910	One network appliance supporting 0-45 Mbps WAN emulation. A separate machine running the LANforge GUI manages the appliance.		\$995 (Buy Now)
Appliance: CT913	One network appliance supporting 0-1Gbps WAN emulation. A separate machine running the LANforge GUI manages the appliance. This system has only modest CPU, see CT963 or CT964 for higher performing systems.		\$4,995 (Buy Now)
Appliance: CT920	One network appliance supporting 0-45 Mbps WAN emulation. A separate machine running the LANforge GUI manages the appliance.		\$2,995 (Buy Now)

CT922	One network appliance supporting 0-155 Mbps WAN emulation. A separate machine running the LANforge GUI manages the appliance.		\$4,190
Appliance: CT934	High-end, small, silent system supporting 0-1 Gbps WAN emulation that is managed locally or with a separate machine. (10G, GigE Fibre interface available.)		\$7,995
Midrange Rackmount: CT962	A 1U rackmount appliance supporting 0-155 Mbps WAN emulation that is managed locally or with a separate machine.		\$5,120
Gigabit Rackmount: CT963	A 1U rackmount appliance supporting 0-1 Gbps WAN emulation that is managed locally or with a separate machine. (GigE Fibre interface available.)		\$7,995
Gigabit Rackmount: CT964	A 1U 64-bit rackmount appliance supporting 0-1 Gbps WAN emulation that is managed locally or with a separate machine. 16 GB RAM included to support higher 10+ second latencies. (GigE Fibre interface available.)		\$9,290
10 Gigabit: CT966	A 1U 64-bit rackmount appliance supporting 0-9.8 Gbps WAN emulation that is managed locally or with a separate machine. 12+ GB RAM included to support higher latencies. Dual port 10 Gigabit Fibre NIC installed. (10 GigE copper interfaces available.)		\$12,995
10-WAN Emulator: CT970-10	A network appliance and one 24 port managed ethernet switch combined to support 10 unique WAN emulations. System is managed with a separate GUI machine. Great for testing online gaming with room for expansion.		\$12,000
16-WAN Emulator: CT970-16	A network appliance and one 24 port managed ethernet switch combined to support 16 unique WAN emulations. System is managed with a separate GUI machine. Great for testing online gaming with additional ports for future growth.		\$17,000
24-WAN Emulator: CT970-24	A 1U midrange rackmount appliance and one managed ethernet switch combined to support 24 unique WAN emulations. May be managed locally or with a separate machine. Great for testing online gaming!		\$24,995
48-WAN Emulator: CT970-48	A 1U high-end rackmount appliance and one managed ethernet switch combined to support 48 unique WAN emulations. May be managed locally or with a separate machine. Great for testing MMOG and game testing in QA test houses!		\$29,460

LANforge-FIRE Traffic Generators (Subscription Pricing)

Product	Description	First Year	Renewal
VoIP Call Generator: CT505-35	First year subscription for a LANforge system that generates up to 35 concurrent SIP calls with RTP and PESQ voice quality analysis. <i>* See additional NOTES below.</i>	\$9,900	\$3,900
VoIP Call Generator: CT505-100	First year subscription for a LANforge system that generates up to 70 concurrent SIP calls with RTP and PESQ voice quality analysis. <i>* See additional NOTES below.</i>	\$12,900	\$4,900
48-port Last-Mile Traffic Generator: CT570	First year subscription for a LANforge system that generates and receives up to 2 Gbps of traffic across 48 10/100 ethernet ports. <i>* See additional NOTES below.</i>	\$22,900	\$12,900
* NOTES	Second year subscription renewal price as listed. Third and subsequent years subscription renewal is subject to 5% annual increase on the previous year's subscription. If renewal lapses the subscription will be considered terminated. All subscription and renewal prices include support, maintenance and software upgrades.		

LANforge-ICE WAN Emulators (Subscription Pricing)

Product	Description	First Year	Renewal
10-WAN Emulator: CT970-10	First year subscription for a LANforge-ICE appliance with 24-port managed switch installed with ten 2 Mbps WanLink licenses. <i>* See additional NOTES below.</i>	\$5,900	\$4,900
16-WAN Emulator: CT970-16	First year subscription for a LANforge-ICE appliance with 24-port managed switch installed with sixteen 2 Mbps WanLink licenses. <i>* See additional NOTES below.</i>	\$7,900	\$6,400
24-WAN Emulator: CT970-24	First year subscription for a LANforge-ICE midrange 1U rackmount appliance with 24-port managed switch installed with twenty-four 45 Mbps WanLink licenses. <i>* See additional NOTES below.</i>	\$18,900	\$7,900
48-WAN Emulator: CT970-48	First year subscription for a LANforge-ICE high-end 1U rackmount appliance with 48-port managed switch installed with forty-eight 45 Mbps WanLink licenses. <i>* See additional NOTES below.</i>	\$35,900	\$12,900

* NOTES

Second year subscription renewal price as listed. Third and subsequent years subscription renewal is subject to 5% annual increase on the previous year's subscription. If renewal lapses the subscription will be considered terminated. All subscription and renewal prices include support, maintenance and software upgrades.

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