**Candela**
**TECHNOLOGIES**

Network Testing and Emulation Solutions

# LANforge System Prices

- **LANforge ICE Network Impairment Emulators**

- **LANforge FIRE Stateful Traffic Generators**

- **LANforge WiFIRE WiFi Network Traffic Generators**

- LANforge Part Prices

- 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 | Product Details | 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. | HTML PDF | $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. | HTML PDF | $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. | HTML PDF | $9,995 |
| 802.11a/b/g/n Laptop WiFi: CT522-128 | Simulate up to 128 802.11a/b/g/n Wireless Stations in one specially equiped laptop. Each Virtual Station has its own IP address, IP port space, MAC address and routing table. Excellent for mobile testing of Access Points and other WiFi networks. | HTML PDF | $10,995 |
| Dual-Radio 802.11a/b/g/n WiFi: CT521-64 | Simulate up to 64 802.11a/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. | HTML PDF | $14,995 |

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| Dual-Radio 802.11a/b/g/n WiFi: CT521-128 | Simulate up to 128 802.11a/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. | HTML PDF | $16,995 |
| Dual-Radio 802.11a/b/g/n WiFi: CT521-400 | Simulate up to 400 802.11a/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. | HTML PDF | $19,995 |
| 3-Radio 802.11a/b/g/n WiFi: CT523-600 | 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. | HTML PDF | $24,995 |
| Dual-Radio 802.11a/b/g/n/ac WiFi: CT523-264-1ac-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. EAD end of Q1 2014. | HTML PDF | $24,350 |
| 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. | HTML PDF | $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. | HTML PDF | $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. | HTML PDF | $53,995 |
| 2U WiFIRE 802.11ac/a/b/g/n Six Radio Wireless Station Emulator: Other Combinations | Pricing for various 802.11AC and 802.11a/b/g/n NIC combinations in the CT525 chassis: CT525-128-2ac: HTML PDF CT525-328-2ac-1n: HTML PDF CT525-392-3ac-1n: HTML PDF CT525-656-4ac-2n: HTML PDF CT525-928-2ac-4n: HTML PDF | | |

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| 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. | HTML PDF | $300 |
| RF Attenuator: CT703 | 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. | HTML PDF | $4,995 |
| RF Attenuator: CT704 | 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. | HTML PDF | $6,650 |

# LANforge FIRE Traffic Generators

| Product | Description | Product Details | 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. | HTML PDF | $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. | HTML PDF | $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. | HTML PDF | $16,295 |
| 10 Gigabit Generator: CT503-10G | Generate and receive 10 Gbps of traffic with a single system. The CT503-10G is configured with two 10 Gigabit Fiber interfaces. Other options including ruggedized luggable form factor 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. | HTML PDF | $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. | HTML PDF | $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. | HTML PDF | $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. | HTML PDF | $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 | HTML PDF | $13,450 |

| | individual calls. See also: CT505-100. Systems supporting up to 500 calls are also available. | | |
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# LANforge ICE Network Impairment Emulators

| Product | Description | Product Details | Price |
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| Laptop: CT800 | All-in-one LANforge-ICE solution in a single laptop. Good for standalone emulations supporting up to 45 Mbps. | HTML PDF | $2,995 |
| Laptop: CT900 | All-in-one LANforge-ICE solution in a single laptop. Good for standalone emulations supporting up to 140 Mbps with standard PC card NIC. | HTML PDF | $6,290 |
| Appliance: CT919 | One network appliance supporting 0-2 Mbps WAN emulation. A separate machine running the LANforge GUI manages the appliance. | HTML PDF | $1,995 |
| Appliance: CT920 | One network appliance supporting 0-45 Mbps WAN emulation. A separate machine running the LANforge GUI manages the appliance. | HTML PDF | $2,995 |
| Appliance: CT922 | One network appliance supporting 0-155 Mbps WAN emulation. A separate machine running the LANforge GUI manages the appliance. | HTML PDF | $4,190 |
| Appliance: CT934 | High-end, small, almost silent system supporting 0-1 Gbps WAN emulation that is managed locally or with a separate machine. (10G, GigE Fibre interface available.) | HTML PDF | $11,200 |
| Economy Rackmount: CT961 | A 1U rackmount appliance supporting 0-45 Mbps WAN emulation that is managed locally or with a separate machine. | HTML PDF | $4,270 |
| Midrange Rackmount: CT962 | A 1U rackmount appliance supporting 0-155 Mbps WAN emulation that is managed locally or with a separate machine. | HTML PDF | $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.) | HTML PDF | $8,540 |
| Gigabit Rackmount: CT964 | A 1U 64-bit rackmount appliance supporting 0-1 Gbps WAN emulation that is managed locally or with a separate machine. 12 GB RAM included to support higher 10+ second latencies. (GigE Fibre interface available.) | HTML PDF | $12,495 |
| Portable Gigabit: CT965 | A portable rugged standalone server chassis supporting up to 1 Gbps WAN emulation that is managed locally with built-in screen, keyboard and trackpad. Battery option available. (GigE Fibre interface available.) | HTML PDF | $15,275 |

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| 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.) | HTML PDF | $17,395 |
| 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. | HTML PDF | $12,820 |
| 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. | HTML PDF | $17,090 |
| 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! | HTML PDF | $25,640 |
| 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! | HTML PDF | $38,460 |

# WISER Mobile Wireless Network Emulator

| Product | Description | Product Details | Price |
|---------|-------------|-----------------|-------|
| WISER-50 | WISER 50-node wireless network emulator. Includes mobility, path-loss, CDMA time-slot emulation and more. Designed to emulate US Military network designs and may be applicable for other mobile wireless networks. Supports up to 50 nodes (vehicles, radio towers, etc). WISER is a joint project between Telcordia and Candela Technologies. Please see Telcordia's WISER Web Page for implementation details and research papers. | HTML PDF | $call |

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## 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. ** **See additional NOTES below.** | $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. ** **See additional NOTES below.** | $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. ** **See additional NOTES below.** | $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. ** **See additional NOTES below.** | $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. ** **See additional NOTES below.** | $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. ** **See additional NOTES below.** | $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. ** **See additional NOTES below.** | $35,900 | $12,900 |

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| ** 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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