



Agilent N2X
System Controller
N5543E , N5544C , N5545C
Technical Data Sheet



Product Overview

The Agilent N2X is the industry's most comprehensive test solution for testing the development and deployment of network services for converging network infrastructures. Service providers, network equipment manufacturers (NEMs), and component manufacturers can verify service attributes of entire networks end-to-end, while also isolating problems down to individual networking devices and subsystems. Agilent N2X delivers unparalleled test realism to verify the ultimate performance, scalability and resilience of carrier grade services and infrastructure.

A number of system controllers are available depending on your performance requirements. Each controller provides an easy-to-use Windows® environment, and is capable of concurrently controlling all the N2X test cards and application software. An Ethernet Switch is required for System Controllers that will connect to more than one N2X chassis; customers can choose either an 8-port or a 24-port Ethernet system switch.

			Max Recommended User Sessions	
Controller	Specifications	Max Rec. Test Ports (1*)	Medium-scale Routing (2*)	High-scale Routing (3*)
N5543E Laptop System Controller				
Ideal for those who require portability but do not require remote multi-user access. Use for small to medium-scale functional and stress tests. Used in conjunction with the N5540A, 2-slot chassis, provides the most portable multi-service test solution at rates up to 10G.	<ul style="list-style-type: none"> • 2.26 GHz Intel Core Duo • 2Gb RAM (800MHz DDR2 SDRAM) • 80Gb hard drive • 14.1" widescreen display • One LAN Port (to connect test system plus wireless LAN for corporate LAN only) • DVD/CD-RW drive • USB optical mouse • Magnesium alloy casing • Carry case 	96	1	1
N5544C Rackmount System Controller				
Excellent for lab environments, allowing multiple users to be remotely connected from their desk or at home, or work directly from the controller aided with addition of an optional display, which can be added at time of purchase. Use for small to medium-scale functional and stress tests. A single system can support up to a maximum recommended 10 concurrent user test sessions using Terminal Services*	<ul style="list-style-type: none"> • Dual Core 2.0GHz • 2Gb RAM • Two LAN Ports (to connect corporate LAN and test system) Both ports are 10/100/1000 BaseT • DVD/CD-RW drive • 2-post and 4-post rackmount kits • Keyboard and mouse • Windows Server 2003 	160	8	4
N5545C High Performance Rackmount System Controller				
Has benefits of standard rackmount controller as above, but with increased memory and processor performance for those who require very large scale port and/or protocol scalability. Ideal for intense stress tests and complex configurations. A single system can support up to a maximum of 15 concurrent user test sessions using Terminal Services*	<ul style="list-style-type: none"> • Dual (2x) Dual Core 2.0GHz • 4Gb RAM • Two LAN Ports (to connect corporate LAN and test system) Both ports are 10/100/1000 BaseT • DVD/CD-RW drive • 2 post and 4 post rackmount kits • Keyboard and mouse • Windows Server 2003 • Recommended for high-scale routing 	160	12	8

Notes:

These figures are indicative of performance under the following conditions and are presented only as a guideline for controller selection.

(1*): Figures based on 10,000 traffic streams per port

(2*): Figures based on one terminal services connection per user, each with 4 ports and GUI; each port with 10,000 traffic streams, 10 BGP sessions (1,000 NLRIs per session) and 10 OSPF sessions (5x5 grid per session)

(3*): Figures based on one terminal services connection per user, each with 2 ports and GUI; each port with 10,000 traffic streams and 1,000 BGP sessions (1,000 NLRIs per session)

*System performance on a per-client basis is proportional to the number of concurrent users and intensity of tests being performed by each user. For more information, contact your Agilent representative for further details on how to optimize your test setup.

Agilent N2X

Agilent's N2X multi-service tester combines leading-edge services with carrier grade infrastructure testing and emulation. The N2X solution set allows network equipment manufacturers and service providers to more comprehensively test new services end-to-end, resulting in higher quality of service and lower network operating costs.

Software and Support Agreement

To protect your investment in the Agilent N2X, every new system includes an initial 12-month comprehensive system-based warranty and Software and Support Agreement (SSA).

Renewing Agilent support services ensures uninterrupted technical support and software upgrades, giving you confidence in N2X throughout the life of your system.

The N2X technical support portion of your SSA includes assistance with product operation and measurements, and verification that the N2X equipment is in correct working order.

Warranty and Support

Hardware Warranty

All N2X hardware is warranted against defects in materials and workmanship for a period of 1 year from the date of shipment.

Software Warranty

All N2X software is warranted for a period of 90 days. The applications are warranted to execute and install properly from the media provided.

This warranty only covers physical defects in the media, whereby the media is replaced at no charge during the warranty period.

Ordering Information

To order and configure the test system, consult your local Agilent field engineer.

Sales, Service and Support

N2X must be serviced by an approved Agilent Technologies service centre, please contact us for more information.

United States:

Agilent Technologies
Test and Measurement Call Center
P.O. Box 4026
Englewood, CO 80155-4026

1-800-829-4444

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