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NX Advanced Server

NoMachine is the creator of NX software, the award-winning enterprise-class solution for secure remote access, desktop virtualization and hosted desktop deployment. Since 2001 NoMachine's mission has been to revolutionize the way users access their computing resources across the Internet, to make seamless desktop access as easy and widespread as Web browsing. NoMachine provides a comprehensive software infrastructure stack, core development and support services built around the self-designed and self-developed NX suite of Open Source components, together with easy to use management, deployment and monitoring tools, making it possible to transform any traditional desktop computing environment into a centrally-managed, globally accessible, virtual desktop infrastructure.

What is NX Advanced Server?

NX Advanced Server is the most complete corporate solution available for providing secure, on-demand access to any business information resource from anywhere and over any network. It unifies the key features, capabilities and technologies of NX Enterprise Server, along with load-balancing and node management. With this single solution, corporations eliminate fragmented management, performance degradation, and IT management costs.

Who is it for?

NX Advanced Server is ideal for companies that have thousands of users who need mobile and remote access, and that have extensive regulatory requirements governing access to corporate data. Integrated side-by-side with NX Advanced Server Node, it offers improved administration efficiency avoiding disturbance to the traffic handling with common maintenance operations and system updates on the nodes.

By leveraging the versatility of NX Advanced Server and NX Advanced Server Nodes you reduce downtime and enjoy rapid provisioning - within minutes administrators can add a node to the NX Advanced Server network. The centralized management and monitoring of the NX Nodes improves operational efficiency and ensures systems are up and running.

Optimize your NX Server software infrastructure.

Customers are offered an integral set of NX tools that ensure complete coverage in all areas of requirements and support, permitting cost-effective management and availability of server network resources, and user access.

NoMachine recognizes the demands placed on your business and understands that high-availability business resources are directly linked to your success. This is why we offer optimized subscription solutions, NX Advanced Server Subscription and NX Advanced Server Premium Subscription with finely-tuned support services resulting in greater satisfaction and better returns on your technology and support investments.



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System Requirements

REQUIRED

on the client device you are using to access your remote applications:

- Windows 2000/2003/XP/Vista.
- Mac OS X 10.3/10.4.
- Linux kernels 2.2/2.4/2.6 (i386 or AMD/64) for Novell SuSE, RedHat, Mandriva, Debian and a number of other Linux distributions.

REQUIRED

on the server machine you are accessing:

- Linux kernels 2.2/2.4/2.6 (i386 or AMD/64) for Novell SuSE, RedHat, Mandriva, Debian and a number of other Linux distributions.
- Sun Solaris (SPARC) for Solaris 8, 9 and 10.
- 400 MHz processor, 128 MB RAM, 35 MB free disk space on your hard drive, Network connection (either a LAN, or Internet link: dial-up (minimum 33.6 Kbps modem),



NX Advanced Server at-a-Glance

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FEATURES IN NX ADVANCED SERVER	NX ADVANCED SERVER SUBSCRIPTION	NX ADVANCED SERVER PREMIUM SUBSCRIPTION
Subscription contact type of support services	WEB-BASED	WEB-BASED / PHONE
Response time	2 DAYS	1 DAY
Number of concurrent sessions / User names	UNLIMITED / UNLIMITED	UNLIMITED / UNLIMITED
Product updates and support enquiries for 1 year	✓	✓
Immediate notification of critical security fixes to NX components	-	✓
Deploys X11, RDP and VNC desktops securely over the Internet	✓	✓
Seamlessly integrates single X11 applications with the native client desktop	✓	✓
Lets users leave their applications running while disconnected and resume	✓	✓
Lets applications access any file system on the client as if it were on the server	✓	✓
Lets users cut and paste between local and remote applications	✓	✓
Prints from the server to printers installed on the client	✓	✓
Plays sound and multimedia produced by the remote application	✓	✓
Supports industry standard SSL encryption and Transport Layer Security	✓	✓
Fully integrates with SSH, avoiding the need for a further network access port	✓	✓
Supports PAM based authentication	✓	✓
Connects to XDMCP servers, Windows Terminal Services and Citrix MetaFrame	✓	✓
Supports session shadowing and sharing of the local display	✓	✓
Native support for 64-bit (client, node, server, manager packages)	✓	✓
Custom scripts executable on server + node events	✓	✓
Provides seamless integration with Web portals and corporate Intranets with NX Web Companion and/or NX Builder	✓	✓
Offers easy administration by the NX Server Manager Web Interface	✓	✓
Offers asset management by the NX Server Mapper Web Interface	✓	✓
NX Server/Node support for native Windows Terminal Server	✓	✓
NX Server/Node support for native Mac OS X	✓	✓
Supports Internet protocol version 6 (IPv6)	✓	✓
Integrates with LDAP authentication infrastructure and MS Active Directory	✓	✓
Automatic provision for "guest" users and sessions run in kiosk mode	✓	✓
Supports user profiles, with configurable access to applications and nodes	✓	✓
Multi-node capabilities, balancing the load among the available NX nodes	✓	✓

* Advanced Server Node Subscription / Premium Subscription is a requirement. Refer to table above for what you get.

SUPPORTED
 UNDER DEVELOPMENT
 STARTING FROM 3.x

Why Purchase NX Advanced Server Subscription?

Subscribing to NX Advanced Server ensures customers get the benefits of a comprehensive software infrastructure stack and support services, together with easy to use management, deployment and monitoring tools.

- **Protect your environment and increase its performance and stability.** Get advice directly from our team of experts on problems and diagnostic best practices. We are committed to delivering enterprise-class, worldwide support with a single objective in mind: your success.
- **Improved administration efficiency.** NX Advanced Server ensures increased fault-tolerance and reliability when handling large clusters. Nodes can now join and leave the cluster at any time, with the server being able to reconfigure itself to handle the mutated conditions making it easier for administrators to perform maintenance operations on the NX nodes without disturbing user traffic.
- **Efficient application availability.** Load-balance large numbers of sessions with additional nodes and maintain optimized performance thanks to the node monitoring functionality of NX Server Monitor.

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