

NEXAIRA® BUSINESS CLASS II HIGH AVAILABILITY ROUTER

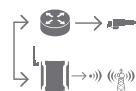
BUSINESS CLASS FEATURES

- Customizable 3G/4G Auto-Failover with Anti-Flap
- Virtual Router Redundancy Protocol (VRRP provides no single point of failure)
- Generic Routing Encapsulation (GRE is often used for VoIP services)
- IPsec Site-to-Site VPN
- VPN (IPsec/PPTP/L2TP) Passthrough
- QoS (Quality of Service)
- Wireless Distribution System
- Software definable ethernet ports
- Allow Nexaira® to customize the Business Class II router to suit your specific needs.
- Specific card support
- Graphic User Interface Branding
- Customized default configurations
- Additional custom content, functionality, and features.

XtremeSpeed®

Optimize your connections to the internet or corporate networks for maximum speed or bandwidth performance. Improves user experiences with functions like e-mail, VoIP, business applications or simply web surfing.

3G/4G HIGH AVAILABILITY ROUTER SOLUTION



NexWare™ VRRP (compatible with Cisco, Juniper etc.) means no single point of failure. VRRP delivers business continuity for existing wireline routers and network connections, with 100% redundancy

PRIMARY ROUTER WITH 3G/4G AUTO-FAILOVER & ANTI-FLAP



NexWare™ provides business continuity for existing network connections (i.e. cable modem, DSL, or T1) with a seamless failover to 3G/4G cellular networks. Customizable features like fallback with Anti-Flap ensures network stability.

REMOTE MANAGEMENT AND CONFIGURATION



NexWare™ supports secure remote management and configurations for multiple sites via SSH and CLI. NexWare provides the ability to monitor and manage your router remotely using SNMP V2.

3G/4G CONNECTIVITY



Nexaira's Business Class Router leads the industry in 3G/4G data card support, ensuring service from the carrier of choice such as AT&T, Sprint, Rogers, Verizon, Bell, and Telus. The Business Class II Router also works with DSL, Cable, and T1 networks.

The **Nexaira® Business Class II Router** offers reliability and security protocols with wireline and 3G/4G Broadband connections.



NEXAIRA®
A Nexaira Wireless Company

NEXAIRA® BUSINESS CLASS II HIGH AVAILABILITY ROUTER



IEEE 802.11b/g/n AP

The product complies with Draft 802.11n next generation wireless standard. Utilizing the advanced MIMO technology, it can support the data transmission rate of up to 300Mbps and the coverage distance is far than IEEE 802.11g/b products. Stable wireless connection and high bandwidth enable you to enjoy the network applications without any interruption.

Available Firmware Customization

Allow Nexaira® to customize the Business Class II router to suit your specific needs.

- Specific card support
- Graphic User Interface Branding
- Customized default configurations
- Additional custom content, functionality, and features.

IP Sharing

The NAT/NAPT function lets you share the ADSL line to all the Intranet users (support up to 253 users). It also provides virtual server and virtual DMZ functions to let your internal servers be accessed from the Internet.

Virtual Server and DMZ

The virtual server and DMZ function let you setup your servers in the Intranet and still can provide services to the Internet users.

Web Configuration

You can configure the router through the friendly Web user interface with a browser.



NEXWARE™ FEATURES

XtremeSpeed® WAN Optimization
IPSec Site-to-Site VPN
VPN (IPsec/PPTP/L2TP) passthrough
VRRP (Virtual Router Redundancy Protocol)
WDS (Wireless Distribution System)
Auto Failover w/Anti-Flap

NETWORK FEATURES

Supports cable modems, DSL, wireline WAN, T1, & 3G
Aggressive Modem Reset (AMR)
DHCP Server
DNS Relay
DMZ Host
Auto-Reconnect
Connect-on-demand
Auto-Disconnect
MAC access control
Virtual server
Dynamic DNS
Static & Dynamic routing with RIP
QoS

MANAGEMENT

OMA-DM
SNMP Management
Secure Shell (SSH)
Command line access (CLI)
Firmware upgradeable
Auto connect to network

WIRELESS STANDARD

IEEE 802.11 b/g/n 2x2 mimo

DATA RATE

Up to 300 mbps Wi-Fi
100 mbps Ethernet

RANGE COVERAGE

Tx/Rx power 18dbm/Per Cell
indoors approx. 35-100 meters
outdoors up to 100-300 meters

ANTENNA

Dual 3dbi Embedded Antennas

NUMBER OF CHANNELS

1-11 for N. America (FCC);1-11 for (DOC)
1-13 Europe (Except and ETSI)
1-14 (TELEC)

SECURITY

64-bit and 128-bit
WEP encryption
WPA encryption w/ WPA2 support
NAT (Network Address Translation)
IPSec Site-to-Site VPN
VPN (IPsec/PPTP/L2TP) passthrough

POWER

Switching 12V
1.25A

WORKING ENVIRONMENT

Temperature -10~70°C
Humidity 10%~90%
non-condensing

STANDARDS

IEEE 802.11 b/g/n 2x2 MIMO
IEEE 802.3
IEEE 802.3u

OS SUPPORTED

Windows
95/98/ME/NT/2000/
XP/VISTA/Windows 7
Linux
MAC

ACCESS

1 ExpressCard Slot
1 USB 2.0
(1) 10/100 Wan
(Software Configurable)
(1) 10/100 LAN

COMPATIBILITY

Works with all North American Carriers
For a list of supported
modems please visit
www.nexaira.com