

Orbitor 5000 Series

The Flexible Solution for Branch Office Networking

- IP/IPX Routing
- Bridging all Other Protocols
- ISDN Network Access
- 600% Data Compression
- IP & IPX Protocol Spoofing
- Internet Feature Set
- NetSAFE Firewall
- NAT/DHCP
- NetWizard Configuration GUI
- Bandwidth-on-Demand
- ISDN Call Back
- ISDN PPP Switched/Permanent Channels can be Mixed
- ISDN PPP Digital Leased Circuit 64k, 128k
- Frame Relay over Digital Leased Line
- PPP-MP Interoperability
 - ISDN
 - Leased Line
 - Frame Relay (RFC 1490)
- T1/E1 Link Speed
- Multi-Vendor Interoperability
- Advanced Frame Relay Congestion Control
- Support for up to 128 DLCIs
- Auto-Learning/Configuration DLCI
- Link Management Parameters
- 600% Data Compression Per DLCI
- Telnet - SNMP v2 Management
- Auto Sensing 10/100 LAN
- Dual BRI
- Dual LAN

Global Communication Capability

Success for your Branch Office relies on its ability to effectively communicate next door and around the world. Make sure your data communications are available when you and your customers need it with TriNexus's **Orbitor 5000** series of routers.

All of TriNexus's **Orbitor 5000** Multi-Protocol Routers combine flexibility and scalability with ease of installation, maintenance and management to ensure that your network is available 24 hours a day, seven days a week. Providing WAN and BRI connectivity around the clock and around the world with modular, field-upgradeable LAN and WAN interfaces is an easy task for the **Orbitor 5000** series. Offering Frame Relay capability over leased lines with PPP-MP ISDN as backup and dual high-speed T1/E1 links with (as standard) 600% *Data Compression (Stac LZS)* for up to 128 DLCI's, means your data will always get through. With the **Orbitor 5000** series you can achieve compressed link speeds up to T1/E1.

A Technical Tour de Force

The **Orbitor 5000** routers are bursting with state-of-the-art technology designed to make your Branch Office networking fast, reliable and easy to use. They offer two megabytes of Flash Memory, eight megabytes of DRAM Memory and an Internal International power supply. With Frame Relay multi-vendor "*Interoperability*," you also get transparent connectivity.

Take advantage of your networking options with the **Orbitor 5000** series routers, offering a full software feature set and more!

Capabilities such as ISDN-protocol "*Spoofing*" eliminate idle on-line time by suspending the line when inactivity (user-defined in duration) is detected, automatically reactivating the line when activity begins. In the event of a leased line link failure, the **Orbitor** automatically brings up a backup ISDN line, restoring the original leased line once it becomes operational again...all without operator intervention.

User-Friendly

All **Orbitor 5000** routers are exceptionally easy to install -- with its intuitive menu interface, they can be up and running in minutes! Offering a wide choice of interfaces, such as ISDN U or S/T, a variety of CSU/DSU options or numerous serial interfaces, the complete line of **Orbitor 5000** routers come personalized to suit your needs. Once your set-up is complete, SNMP allows full monitoring through any management station.

In today's crowded and intensely competitive marketplace, real-time global data communication capabilities are a must. TriNexus partners and offices are located around the world to assist you in becoming and remaining time competitive, whether your networking needs are domestic or global.

Security

The need for Internet security and data integrity is understandable, particularly in today's global society. All **Orbitor 5000** routers employ *NAT/DHCP* and *NetSAFE Firewall* to guard against intruders and hackers, restricting access to and from any device, browser, or server. As with other TriNexus routers, to-and-from access is limited to user-defined IP (Internet Protocol) addresses. They also employ PAP/CHAP authentication and ISDN callback.

More Power

More routing power is always needed as your Branch Office grows. For that reason we designed the **Orbitor 5000** series to meet your most demanding Branch Office needs. The **Orbitor 5000** family offers high performance, feature rich routing that supports compression link speeds of up to 2.048 Mbps, with 10/100 auto sensing LAN, and Dual BRI or Dual LAN's. Whatever the size of your Branch Office, the **Orbitor 5000** series has a router to suit your needs.

Warranty

All **Orbitor 5000** series routers, like the entire family of Orbitor products, are backed by TriNexus's *5 Year Warranty*.

Orbitor 5000 Series Product Specification

Standard Features For All 5000 Series

All of the **Orbitor 5000** series of routers support IP/IPX Routing, Transparent Bridging, NetSAFE Firewall with 128 custom firewall entries, NAT/NAPT/Reverse NAPT and DHCP server, SNMP v2 management, Data Compression, Protocol Spoofing, and up to 128 DLCI's. The **Orbitor 5000** series supports 2 high speed links (T1/E1) with speeds up to 2.048 Mbps. Link protocols include PPP-MP over Leased Line, PPP-MP over ISDN, Frame Relay RFC 1490 over Leased Line.

Orbitor 5100

In addition to the standard Orbitor feature set, the **Orbitor 5100** supports ISDN Backup with 1 B-Channel for PPP-MP or Frame Relay over Leased Line. The **Orbitor 5100** will compress to link speeds up to 256 Kbps

Orbitor 5200

In addition to the standard Orbitor feature set, the **Orbitor 5200** supports ISDN Backup on 2 B-channels for PPP-MP or Frame Relay over Leased Line. The **Orbitor 5200** will compress to T1/E1 link speeds. In addition to providing an additional 50% improvement in performance over the **Orbitor 5100** the **Orbitor 5200** supports as a standard feature an auto-sensing 10/100 LAN, and Dual BRI or Dual LAN where the second LAN is a 10BaseT module.

Please see your TriNexus Sales Representative for a detailed product feature list or go to www.trinexus.com.



Size: (cm) 5H x 25W x 28D
(in) 2"H x 10"W x 15.5"D
Weight: 4.09kg / 9 lb.
Temperature: 2C to 50C / 35F to 122F
Humidity: 20% to 80% non-condensing
Power: 80-240 VAC
50-60Hz, 25 Watts max

Type Approvals:

- NET 3 CE Mark Europe
- NI-1 North American

Security Protocols:

- NetSAFE Firewall
- PAP (Password Authentication Protocol)
- CHAP (Challenge Control Protocol)

NAT (Network Address Translation)

DHCP (Dynamic Host Configuration Protocol)

Network Management:

- NetWizard Configuration GUI
- SNMP v2, MIB II, Bridged MIB, Enterprise MIB
- In-Band Management (Telnet)
- Out-of-Band Management (Async Console Port)

Bandwidth-on-Demand:

- Time of Day Scheduling
- Traffic Level Bandwidth Allocation
- IP Address Auto-Connection

Link Speed: ISDN 128kbps Aggregate
Leased Line T1/E1

Compression: Stac LZS

Certifications:

- BAPT Pan European
- CE Approved
- NI-1 North America
- ISO 9002 Certified Manufacturer

5 YEAR WARRANTY

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All specifications Subject to Change Without Notice

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