

# Orbitor 530

## The Flexible Solution for Leased Line Routing

- IP/IPX Routing
- Bridging all Other Protocols
- T1/E1 Link Speed
- Multi-Vendor Interoperability
  - Frame Relay (RFC 1490)
- PPP-MP Inter-Operability over Leased Line
- Advanced Frame Relay Congestion Control
- Support for up to 20 DLCIs
- Auto-Learning/Configuration
  - DLCI
  - Link Management Parameters
- STAC-LZS Data Compression
  - Per DLCI
- NetSAFE Firewall Security
- NAT/DHCP
- Network Management
  - Telnet
  - SNMP v2 Management
- 5 Year Warranty

### A Tough Act to Follow

If you've had hands-on experience with, or prior exposure to, our Orbitor 500 Router for the Small Office or Branch Office business enterprise, you know what we mean. Yet, quantum leaps in price-performance have been made with TriNexus's **Orbitor 530**. Whether you need PPP-MP or Frame Relay over Leased Line the **Orbitor 530** has what it takes. Think of it as first class performance with small packaging and pricing.

### Start Big, Think Bigger

You've grown and are ready for a vast improvement in technology! Which brings us to the **Orbitor 530**. Do you need support for an unlimited number of LAN stations? How about data transfer rates of up to 2.048 Mbps (Megabits per second) regardless of the protocol? Ethernet LAN access to lease lines by either PPP-MP or Frame Relay networks? What about "Interoperability" (think of it as transparent connectivity) with multiple vendors' standards - compliant networking equipment? If you answered yes, look no further than the **Orbitor 530** for the solution to all this and more.

### Installation Simplicity

If you've ever attempted to configure a FRAD (Frame Relay Access Device) router, you know it can be a difficult task. Your **Orbitor 530** comes with *Auto Learning* and *Auto Configuration* of DLCIs and link-management parameters to ease the transition to full connectivity. Once set up and connected to a Frame-Relay Network, the **Orbitor 530** will automatically detect DLCI numbers and configure its routing tables accordingly. It will detect the type of line management being used and adapt to it. And, it will transmit at the maximum data rate, where possible, scaling back the transmission in phases if the network becomes congested, thereby eliminating the impact of lost data frames. We call this *Advanced Congestion Control*.

### Cost-Effectiveness

Your **Orbitor 530** cuts cost with unparalleled price-performance. Since reduced line time equals reduced cost, the **Orbitor 530's** high-speed T1/E1 link with *Data Compression* saves you both time and money by increasing throughput by as much as 600% for up to 20 DLCIs. Other standard, highly cost-effective features like IP/IPX routing, transparent bridging, NAT/NAPT and Reverse NAPT/DHCP support, and Telnet and SNMP v2 Management.

### Security

Internet security is on everyone's mind. TriNexus's **Orbitor 530** employs *NetSAFE Firewall* to guard against intruders and hackers, restricting access to and from any device, browser, or server. As with our other routers, to-and-from access is limited to user-defined IP addresses. These capabilities can also be combined so that all company sites have access to Intranet and FTP servers, while the general public has access only to the Web server.

### Warranty

Combining exceptional performance in an ultra-compact package, the **Orbitor 530** Router is backed by TriNexus's *5 Year Warranty*.

### Overall Reliability and Support

Overall, the **Orbitor 530** matches or exceeds the standard features of comparable routers for a much lower cost. The only product available in the market today which combines the features and performance of a large branch office router while keeping the product small in both size and price, the **Orbitor 530** is perfectly suited for small office networking.



## Orbitor 530 Product Specification

**The Product**

The **Orbitor 530** supports IP/IPX Routing, Transparent Bridging, NAT/DHCP, NetSAFE Firewall, SNMP management and Data Compression on a per DLCI basis using PPP encapsulation. Support for up to 20 DLCI's, Advanced Congestion Control, Auto-Learning of DLCI numbers, Auto-Learning of LMI type, and Link Speeds up to 2.048 Mbps with software compression at link speeds to 256 Kbps are standard no cost features. Available link protocols include PPP, RFC 1490 Frame Relay encapsulation and RFC 1490 PPP to Frame Relay encapsulation.

**Interface**

The **Orbitor 530** family is of fixed WAN/LAN interface configuration and is currently available as **Orbitor 530 v.35** provides a v.35 WAN interface type to ensure that you get the connectivity you need.



Size: (cm) 4Hx15.5Wx11D  
(in) 1.6Hx6.1Wx4.3D

Weight: 300g / 11oz

Temperature: 2C to 50C / 35F to 122F

Humidity: 20% to 80% non-condensing

**Security Protocols:**

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

NAT (Network Address Translation)

DHCP (Dynamic Host Configuration Protocol)

**Network Management:**

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

PPP Over Leased Line

Multi-Vendor Interoperability RFC 1490

- Auto Learning LMI
- Auto Learning DLCI
- Support to 20 DLCI

Link Speed: 2.048Mbps

**Compression:**

- Stac LZS Software Compression
- Per DLCI

**Certifications:**

- BABT
- CE Approved
- ISO 9002 Certified Manufacturer

5 YEAR WARRANTY

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