

INDUSTRIAL SERIES

Envoy™ 1U

Envoy 1U

The Envoy 1U™ is ImageStream's lowest cost rackmount router. It supports up to two T1/E1 or sync serial ports, and provides many powerful features including NAT firewall, QoS, VPN, VRRP, dynamic routing, line bonding, peer-to-peer traffic control, CALEA intercepts, and more. The Envoy 1U's extensive feature set makes it ideal for networking applications that require wire-speed performance in an affordable rackmount package with advanced features.

The Envoy 1U includes a fanless 266 MHz AMD Geode processor, 128 MB memory, two 10/100 ethernet ports, two Mini PCI slots, and one USB expansion bus. The Envoy 1U can be bundled with up to two synchronous serial ports or up to two T1/E1 ports. It is also designed to support add-on interfaces for ethernet, ISDN (BRI), FXO/FXS, or dial-up modem.

The Envoy 1U leverages ImageStream's Inetics™ platform, which includes modular support for WAN protocols including PPP, Cisco HDLC and frame relay. Inetics also supports real-time port status and performance monitoring to simplify troubleshooting for LAN and WAN connections.

The Envoy 1U is designed for branch offices, wireless POPs, and other small-scale routing applications. It offers wire-speed performance and solid reliability in a durable rackmount chassis with no cooling fans. The Envoy 1U can replace Cisco 1600, 1700 and 1800 series routers, and it provides a low-cost solution for entry level applications that require support for virtual private networks (VPNs) and quality of service (QoS).

Highlights

- Low-cost rackmount router
- Replaces Cisco 1600, 1700 & 1800
- Five expansion bays
- Two onboard 10/100 ethernet ports
- Routes two T1/E1s at wire speed*
- 31-day performance guarantee
- 1 year warranty on parts and labor
- Free software upgrades for life
- Lawful intercept including CALEA
- VoIP gateway & SoftPBX
- PowerCode™ OSS ready
- Runs on Linux®

Best Support

The Envoy 1U includes 2 hours of free support with cost-effective options for extended service. When you consider total cost of ownership, ImageStream routers cost less up front and over time.

Guaranteed Performance

Our 31-day performance guarantee ensures your router will function as promised. If your ImageStream router does not work as specified in writing, and our support team cannot correct the problem, you can return your router for a full refund of the purchase price. See our web site for details.

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Leading the Router Revolution™

Well Connected

The Envoy 1U includes two 10/100 ethernet ports and five expansion bays for flexible connectivity.



The Envoy 1U is ImageStream's lowest cost rackmount router with support for sync serial, T1/E1 and ethernet.

Already Cool

The Envoy 1U router supports completely fanless operation right out of the box.



Extended Temp

Choose the extended temperature option for applications that require -10° to +65° C.



Power LED

The power LED shows the power supply is on and powering the router.



Sync Serial Ports

The optional sync serial ports support V.35, X.21, RS449 and RS232/422.

T1/E1 Ports

The Envoy 1U can support two add-on WAN ports such as these T1/E1 ports.

Add-On Ethernet

The Envoy 1U supports up to two add-on 10/100 ports using one of the T1/E1 card bays.

Console Port

The console port is used to set up the router via modem or laptop.

10/100 Ethernet

10/100 ethernet ports for flexible LAN connectivity.

DC Power Connector

The DC power connector is used to connect power to the Envoy.

ENVOY 1U SPECIFICATIONS

Chassis: Aluminum 1U rackmount
Processor: 266 MHz AMD Geode
Memory: 128 MB SDRAM
Storage: Fixed flash disk
Network Ports: Two 10/100 ethernet
Management Port: Serial console

Expansion Interface

(2) 32-bit 33 MHz Mini PCI slots
(1) USB 1.1 bus

Power Supply

Design: External AC-DC adapter
AC Mains: 100 - 240 VAC, 50/60 Hz
DC Output: 5 VDC at 2.5 amps
Power Output: 12.5 W

Dimensions

Height: 1.75 inches (4.4 cm)
Width: 19 inches (48.3 cm)
Depth: 7.25 inches (18.4 cm)
Weight: 2.4 lbs. (1.1 kg)

LAN Card Options

1-port 10/100 ethernet

WAN Card Options

1 or 2 sync serial ports
1 or 2 T1/E1 ports
1-port basic rate ISDN (BRI)
1-port 56 K modem

Software

- ImageStream Linux™
- High-performance kernel
- Scalable Inetics™ platform
- Menu-driven configuration
- PowerCode™ BMU function
- VoIP gateway & SoftPBX
- Web caching
- Web filtering with Netsweeper
- Intrusion detection & prevention
- On-line & off-line upgrades
- Local and remote logging

- Real-time monitoring
- Quality of Service (QoS)
- Bandwidth limiting
- Packet filtering
- Port forwarding
- Packet processing by PVC
- Peer-to-peer traffic control
- System scheduler
- PPP, Cisco HDLC, and frame relay
- MLPPP & MLFR
- PPPoE & PPPoA client & server
- SoftCell™ ATM
- CEF-compatible bonder
- RIP and OSPF dynamic routing
- SNMP and NetFlow® accounting
- NAT firewall (1:1 & 1:many)
- NTP clock synchronization
- LAN and WAN bridging
- Concurrent bridging & routing
- Secure telnet (ssh v.2)

- L2TP tunneling (LNS & LAC)
- GRE, IP/IP & CPE tunneling
- Remote RADIUS
- TACACS+
- DHCP client & server
- IPSec & SSL VPNs
- VRRP router failover
- Lawful intercept
- VLAN tagging
- IPv6

ImageStream
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* See ImageStream's Web site for details on wire-speed specs. Terms and specs are subject to change without notice.

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