ADTRAN® Quick Reference Guide



ADTRAN At-a-Glance

- Extensive product portfolio for copper, wireless, optical, and Ethernet-based networks
- \$501 million in 2008 revenue
- More than 20 years experience and long-term profitability in the telecommunications industry
- BusinessWeek "Top 100 Growth Companies"
- Products installed in over 50 countries
- #1 market share leader in Integrated Access Devices (IADs) and #2 in routers

800 9ADTRAN

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Fixed-port Routers



- Fixed-port business-class routers for broadband access (Ethernet, ADSL/ADSL2/ADSL2+)
- Stateful inspection firewall
- IPSec Virtual Private Network (VPN) tunneling with DES/DES3/AES encryption
- RIP, OSPF and eBGP/iBGP routing protocol support
- Wi-Fi® Access Controller capability to manage up to 8 NetVanta 150 Wireless Access Points (WAPs)
- Voice Quality Monitoring

NetVanta® 3120 Ethernet router,

integral 4-port switch 1700601G2 \$515

NetVanta 3120 with DBU Ethernet router, integral 4-port switch and DBU modem 1700600L2 \$595

NetVanta 3130 ADSL router,

integral 4-port switch 1700611G2 \$545

NetVanta 3130 with DBU ADSL router, integral 4-port switch and DBU modem 1700610L2 \$645

- Limited lifetime warranty
- Business-class managed Layer 2/3 Fast Ethernet, Gigabit and Power over Ethernet (PoE), switches

Managed Ethernet Switches

- Up to 68 Gbps non-blocking switching capacity
- Gigabit SFP/1000Base-T uplink/stacking capability available
- Wi-Fi Access Controller capability to manage up to 24 NetVanta 150 WAPs
- Cable diagnostics to identify and locate Ethernet cable impairments

NetVanta 1234

24-port Fast Ethernet 1700594G1 \$595

NetVanta 1234 PoE

24-port Fast Ethernet, PoE 1700595G1 \$1,445

NetVanta 1238

48-port Fast Ethernet 1700598G1 \$995

NetVanta 1238 PoE

48-port Fast Ethernet, PoE 1700599G1 \$2,195

NetVanta 1534

26-port Gigabit Ethernet 1700590G1 \$1,695

NetVanta 1534 PoE

26-port Gigabit Ethernet, PoE 1700591G1 \$2,895

NetVanta 1544 28-port

Layer 3 Gigabit Ethernet 1700544G1 \$2,795

NetVanta 1544P 28-port PoE

Layer 3 Gigabit Ethernet 1700545G1 \$3,795

NetVanta 1544F 28-port Fiber

Layer 3 Gigabit Ethernet 1700546G1 \$3,995

Multiservice Access Routers

- Modular platforms supporting an IP access router, Ethernet switch, firewall, and VPN
- Auto-sensing 10/100Base-T interface(s)
- Integral stateful inspection firewall
- IPSec VPN tunneling with DES/3DES/ AES encryption
- Wi-Fi Access Controller capability to manage up to 24 NetVanta 150 WAPs
- Voice Quality Monitoring

NetVanta 3448 single NIM

8-port Managed Layer 2 1200821E1 \$1,045

NetVanta 3448 PoE 8-port, single NIM

Managed Layer 2, PoE 4200821E11 \$1,590

NetVanta 3458 8-port, dual NIM

Managed Layer 2 Switch 1200824G1 \$2,095

NetVanta 3458 PoE 8-port Managed, dual NIM Layer 2 Switch, PoE 4200824G11 \$2,640

NetVanta 1335 24-port, single NIM

Layer 2/3 1700515E2 \$1,595 **NetVanta 1335 PoE** single NIM

24 Port Laver 2/3, PoE 1700525E2 \$2,395

NetVanta 1335 Wi-Fi 24-port, single NIM

Layer 2/3, 802.11a/b/g

Access Point 1700515E12 \$1,995

NetVanta 1335 Wi-Fi and PoE single NIM

24-port Layer 2/3, 802.11a/b/g

Access Point, PoE 1700525E12 \$2,795

Network Interface and Dial Backup Modules

 A variety of network and Dial Backup Interface Modules (NIMs and DIMs) are available to support a breadth of network applications in the NetVanta 1335, NetVanta 4430, and the NetVanta 3000/5000/7000 Series.



NIMs

1411110			D 11110
3G NIM (Verizon)	1700801G1	\$795	ISDN BR
3G NIM (Sprint)	1700802G1	\$795	ISDN BR
T1/FT1	1202862L1	\$300	Analog N
T1/FT1 + DSX-1	1202863L1	\$450	Wide Mo
Dual T1/FT1	1200872L1	\$645	T3
ADSL	1202869E1	\$300	Octal T1
SHDSL	1200936E1	\$450	HSSI
56/64K	1200861L1	\$250	пээі
Serial	1200866E1	\$300	

DIMs

■ 802.11a/b/g lightweight WAP

Optional auto-ranging power

Wireless Access Point (WAP)

WAP with A/C Power Supply

NetVanta 150

NetVanta 150

ISDN BRI U	1200865L1	\$300
ISDN BRI S/T	1200875L1	\$300
Analog Modem	1200864L1	\$250
Wide Modules		
T3	1200832L1	\$1,895
Octal T1/E1	1202843E1	\$1,495
HSSI	1200934L1	\$1,295

1700412E1

4700412F1

\$425

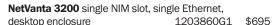
\$445

Managed only by an access controller-capable NetVanta router

■ One 10/100Base-T port with 802.3af compliant PoE support

Modular Routers

- Modular IP access routers for MPLS, Frame Relay, Multilink Frame Relay, PPP, Multilink PPP, PPPoE, PPPoA, RFC 1483, ADSL, and Ethernet-based networks
- A variety of interchangeable modules available
- Integral stateful inspection firewall
- IPSec VPN tunneling with DES/3DES/AES encryption (optional)
- Standards-based eBGP/iBGP, OSPF, RIP, static routing, and bridging protocols
- Wi-Fi access controller capability to manage up to 24 NetVanta 150 WAPs
- Voice Quality Monitoring (optional)



NetVanta 3205 single NIM slot, single Ethernet, 1U enclosure 1203870G1 \$795

NetVanta 3430 single NIM slot, dual Ethernet

1200820E1 \$895

NetVanta 3450 dual NIM slots, dual Ethernet

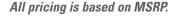
1200823G1 \$1,795 **NetVanta 4305** dual NIM slots, single wide slot,

dual Gigabit Ethernet 1202890E1 \$2,495

NetVanta 4430 dual NIM slots, dual Ethernet 1700630F1 \$2.895

NetVanta 5305 six wide slots, dual Ethernet

4200990L1 \$6,995



Wireless Access Point

NetVanta 150

ADTRAN® Quick Reference Guide



Key Selling Points:

Industry-leading Products Priced Appropriately for SMB and Multi-site Networks

- Incorporate technology from the value leader, without sacrificing reliability
- Free firmware upgrades with new features for the life of the product
- No additional charge for integrated stateful inspection firewall

Easy Implementation Lowers Total Cost of Ownership (TCO)

- Unique all-in-one platforms simplify acquisition, installation, and maintenance costs
- Familiar, easy-to-understand user interfaces
- Standards-based, plug-and-play compatibility in multi-vendor networks

Above and Beyond Support Philosophy

- No charge for U.S.-based pre- and post-sales application and technical support (toll-free)
- Limited lifetime or 5-year warranty

Nationwide Installation and Maintenance Programs and Extended Services

- Flexible program that offers both installation and on-going maintenance services
- On-site and remote telephone support
- Depot sparing strategically located nationwide for rapid deployment

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901 Explorer Boulevard Huntsville, AL 35806 800 9ADTRAN www.adtran.com

Pre-Sales Technical Support 800 615-1176

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application.engineer@ www.adtran.com/support **Post-Sales Technical Support** 888 423-8726 support@adtran.com www.adtran.com/support

ACES Installation & Maintenance Service 888 874-ACFS

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IP Telephony IP Communications Platforms and IP Phones



- IP PBX (100 SIP Phones)
- PBX and key system modes
- Paging through IP Phones
- SIP Trunking
- Multi-site SIP networking
- Shared Call Appearance
- Unified messaging voicemail-to-email
- Voice Quality Monitoring (7100)
- Integral SIP gateway
- 2 FXS and 2 FXO analog interfaces (expandable)
- Auto attendant (multilevel, 8 ports)
- Voicemail (3000 messages, 8 ports)
- Broadband Ethernet WAN interface
- Includes 24-port PoE switch
- Full function IP router and stateful inspection firewall (NetVanta 7100)
- IPSec VPN tunneling with DES/3DES/AES encryption (7100)
- Wi-Fi Access Controller capability to manage up to 8 NetVanta 150 Wireless Access Points (WAPs) (7100)

NetVanta 7100

IP Communication Platform

NetVanta 7060 IP PBX 1700706G1 \$3.895

1200796E1 \$4.595

Voice Interface Modules (VIMs)

1200690E1 Analog 4-port Station \$400 Analog 4-port Trunk 1202691G1 \$400 Analog 2-trunk/2-station 1202692G1 \$400 T1/PRI 120069511 \$400

SIP Phones

- 6 or 12 programmable buttons
- Large backlit display
- Auto headset switch hook detection

ID 706

6 button	1200769E1#B	\$249
IP 712		
12 hutton	1200770F1#R	\$299

IP Business Gateways Total Access 900 Series

- Single T1 SIP or MGCP Gateway
- Full-featured IP router
- Single 10/100Base-T interface
- Single DSX-1 for PRI/T1 CAS
- Wi-Fi Access Controller capability to manage up to 8 NetVanta 150 WAPs

Total Access® 904 4 FXS	4212904L1	\$1,025
Total Access 908 8 FXS	4212908L1	\$1,150
Total Access 912 12 FXS	4212912L1	\$1,450
Total Access 916 16 FXS	4212916L1	\$1,575
Total Access 924 24 FXS	4212924L1	\$1,825

Total Access 924 16 FXS/8 FXO

4212924L2 \$1.975

NetVanta 6310

- SIP Gateway
 Full-featured IP Router
- Dual-slot modular chassis
- Dual 10/100Base-T interfaces for routing, DMZ, or Ethernet-fed WAN
- Integral PRI/PRA T1/E1 for PBX connectivity
- ETSI compliant
- Optional FXS and FXO interfaces

NetVanta 6310 1700100G1 \$1.795

Total Access 900e Series

- Ouad T1 SIP or MGCP Gateway
- Full-featured IP router
- Dual 10/100Base-T interfaces
- Single FXO for local call/ 911 routing
- Dual DSX-1 support for PRI/T1 CAS
- Wi-Fi Access Controller capability to manage up to 8 NetVanta 150 WAPs

Total Access 908e 8 FXS	4242908L1 \$2,320
Total Access 916e 16 FXS	4242916L1 \$2,745
Total Access 924e 24 FXS	4242924L1 \$2,995
Total Access 924e 16 FXS/8 FXO	4242924L2 \$3,145

NetVanta 6355 with PoE

- Integral 24-port PoE switch, IP router
- Integrated SIP and MGCP Gateway
- 2 FXS interfaces and 2 FXO interfaces
- Dual Gigabit/SFP module slot
- Wi-Fi Access Controller capability to manage up to 8 NetVanta 150 WAPs

NetVanta 6355 PoE 1200740E1 \$3,295

Network Management n-Command MSP

ADTRAN n-Command® MSP can improve network operations and business-class Voice over IP (VoIP) performance for service providers and enterprise organizations who are implementing ADTRAN NetVanta and Total Access 900 Series equipment.

- VolP performance monitoring
- Configuration management
- Inventory management
- Voice quality data reporting including Mean Opinion Scoring (MOS)



- Automated device registration
- Automated backups
- Firmware management
- Real time views of equipment configuration and performance
- **n-Command MSP** with NetVanta Server 450 1700840G1 \$8.995

For a complete product list, visit www.adtran.com

All pricing is based on MSRP.