



NetVanta 7060

IP PBX

Product Features

- Integrated IP PBX, voice mail, auto attendant and 24-port PoE switch
- Supports SIP trunking
- Supports SIP multisite networking
- IP PBX supports up to 100 SIP stations
- Supports ADTRAN IP 706/712 and certified Polycom phones
- Supports PBX and key system modes
- Call queuing
- Transfer voicemail-to-email
- Supports Source and ANI Based Routing (SABR)
- SIP/PSTN Gateway
- Voice mail (3,000 messages, eight ports)
- Multi-level auto attendant
- Shared Line and Call Appearance
- Busy Lamp Field/Direct Station Select (BLF/DSS)
- Dial by name directory
- IP handset paging
- System scheduler
- Chassis includes:
 - 24 10/100 Ethernet (802.3af PoE) ports
 - Two analog station (FXS) ports
 - Two analog trunk (FXO) ports
 - Two 10/100/1000 Base-T ports
 - Two SFP slots
 - Two option module slots
 - One WAN Ethernet
- Multisite zone paging
- Native find-me/follow-me with simultaneous ring
- Wi-Fi access controller for NetVanta Wireless Access Points (WAPs)
- DHCP Server
- Software music-on-hold
- Paging output, door relay
- Graphical User Interface (GUI)

The NetVanta 7060 is an IP PBX for business locations of up to 100 employees and is designed to complement an existing VoIP-ready data network. The NetVanta 7060 includes SIP-based telephony features such as voice mail, multi-level auto attendant, caller ID name/number, classes of service, trunk groups, music-on-hold and overhead paging. Additional call options include call coverage lists, forwarding of calls to a cell phone and voice mail-to-email integration, as well as a 24-port fully powered PoE switch.

PBX and Key System

Shared Line Appearance (SLA), Shared Call Appearance (SCA) and Busy Lamp Field/Direct Station Select (DSS) are popular key system functions and are also supported in the NetVanta 7060. SLA enables one or more lines to appear on multiple phones within the system. For example, trunk lines such as Line 1, Line 2 and Line 3 could appear on each phone so users can “pick up Line 1,” or an incoming 1-800 line could appear on all phones as the sales line. BLF/DSS provides a visual indication of the status of phones configured in the system with a button to directly connect to stations.

SIP Trunking and Networking

The NetVanta 7060 supports SIP trunking which dynamically combines voice and data across a single SIP link to the service provider. The NetVanta 7060 also supports multi-site SIP networking for linking sites together to provide direct dial between sites and reduce inter-office communications costs.

Hardware and Software Platform

The NetVanta 7060 is powered by the ADTRAN Operating System (AOS), and the integral switch provides 24 powered (802.3af) 10/100 Ethernet ports, with 802.1Q VLANs, 802.1p Class of Service, making the system fully ready and ideal for VoIP applications.

The NetVanta 7060 chassis includes two analog trunk and station interfaces and two expansion slots. For additional trunk and station connectivity, the NetVanta 7060 offers several Voice Interface Modules (VIMs). These include a four-port analog (FXO) trunk module, TI/PRI trunk module supporting voice or integrated voice and data, and a four-port analog (FXS) station module. A combination module which provides two analog stations and two analog trunks is also available.

A dual IP and TDM backplane architecture supports both IP and analog devices to eliminate common performance problems associated with converting TDM analog devices to IP Fax and modem devices connect directly to the NetVanta 7060 and achieve full-rate performance across the PSTN.

Additional PoE switches can be uplinked with the NetVanta 7060 and expand the physical port count to 100.

Unified Communications

ADTRAN's Business Communications System provides a complete IP communications system with the NetVanta 7000 Series, hardware-based IP PBX bundled with the software-based Unified Communications solution with full unified messaging for voice, fax and email. This solution easily integrates with existing Microsoft Outlook and Active Directory platforms for click-to-dial, inbound/outbound IVR, conference server, fax server for desktop faxing, text-to-speech, find-me/follow-me, as well as a host of other features to enable business communications.

Integrated Functionality

The NetVanta 7060 adds the flexibility and functionality SME's gain value from. Call Queuing allows for a call center-like experience without the high cost. The find-me/follow-me function enables a mobile workforce with no drop-off in customer service and interaction. 911 support, for email notification to administrator of 911 being dialed, is available for no additional charge and builds peace of mind.

IP PBX Product Specifications

IP PBX System Features

- Analog Trunks (Loop Start/Ground Start; FSK Capture of Caller ID name/number; two integral, 10 maximum)
- Analog Stations (Loop Start DTMF; 1500 feet over 26 AWG; two integral, 10 maximum)
- Auto-attendant (multilevel, eight-port)
- Shared Line Appearance (SLA)
- Shared Call Appearance
- Call queuing
- Paging through IP Phones
- Busy Lamp Field/Direct Station Select (BLF/DSS)
- System Scheduler (seven configurable modes: i.e., night, lunch, weekend)
- Public hold
- Find-Me/Follow-Me with simultaneous ring
- Call Detail Records
- Caller ID Name/Number Override (internal and external)
- Classes of Service
- Codec support includes G.711, G.729, G.722 (wideband)
- Configurable dial plan
- Software music-on-hold
- Door relay
- Door phone
- Email notification of voice mail message
- Global call coverage lists
- IP stations (100 maximum; SIP hardphone or soft-phone)
- Least-cost routing
- Operator groups
- Outgoing number substitution
- PRI or integrated voice/data PRI
- Personal phone manager Web page
- Ring groups (ring all, circular hunt group, UCD, executive)
- System Speed Dial
- T1 or integrated voice/data T1
- Trunk groups
- Variable length extension numbers (three-digit, four-digit)
- Voice mail (3,000 messages, eight ports)
- Virtual extensions (20)
- Voice mail accounts (130)
- 24 DSP resources
- 64ms echo cancellation for VoIP calls

IP Station Features

- Call Drop
- Call Forward (All, Busy, No Answer)
- Call Forward to Outside Line (cell phone)
- Call Hold
- Call logs
- Call Waiting
- Hands free intercom
- Do Not Disturb
- Headset jack
- Missed call indicator
- Music on Hold Appearances
- Overhead paging
- Redial
- Speakerphone
- Volume control
- Caller ID Name/Number
- Call Park
- Call Park Retrieve
- Call Transfer
- Conferencing (3-person)
- Emergency call override
- Message waiting light
- Multiple Call
- Mute
- Personal call routing (Call Coverages)

Ethernet Switch Features

- 10/100Base-T (24)
- Two SFP slots
- Auto-Duplex
- 802.1d Spanning Tree
- 802.1p Class of Service aware/mark
- 802.1Q VLANs
- 802.3af Power over Ethernet (15.4 watts for each of the 24 ports)
- 10/100/1000Base-T (2)
- Auto-Rate
- Auto-MDI/MDI-X

Management Features

- Command Line Interface (CLI)
- HTTP, HTTPS (Web browser)
- Telnet
- SSH

Environment

- **Operating Temperature:** 0 to 50° C
- **Storage Temperature:** -20 to 70° C
- **Relative Humidity:** Up to 95%, non-condensing

Physical

- **Chassis:** 1U, 19" rackmountable metal enclosure
- **Dimensions:** 1.7" H, 17.2" W, 12.8" D
- **Weight:** 11 lbs.
- **AC Power:** 100–250 VAC, 50/60 Hz
- **Power:** 450 watts

Chassis Includes

- 24 10/100 Ethernet (802.3af PoE) ports
- 2 analog station/trunk (FXS/FXO) ports
- 2 10/100/1000 Base-T ports
- 2 SFP slots
- 2 option module slots
- 1 WAN Ethernet for broadband Internet/IP access
- MoH or overhead paging ports
- Door relay

Ordering Information

| Equipment | Part # |
|---|--------------|
| NetVanta 7060 | 1700706G1 |
| NVU BCS BNDL 100 LIC (UC Software Only) | 1950101BSG1 |
| NVU BCS BNDL w/7060 | |
| (UC Software and NetVanta 7060) | 4200706G1#UC |
| Voice Interface Modules (VIMs) | |
| Analog 4-Port Station (FXS) | 1200690E1 |
| Analog 4-Port Trunk (FXO) | 1202691G1 |
| Analog 2-Port Trunk/2-Port Station | 1202692G1 |
| T1/PRI | 1200695E1 |
| Fiber Expansion Modules | |
| SFP Module, 1000Base-SXSFP | 1200480E1 |
| SFP Module, 1000Base-LXSFP | 1200481E1 |

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