

## Net VX1200 chassis with 1 x 1 PORT T1/E1 VoIP Gateway (VX1200-1T1/E1)



Product Name: Net VX1200 chassis with 1 x 1 PORT T1/E1 VoIP Gateway (VX1200-1T1/E1)

Manufacturer: NET

Model Number: VX1200-1T1/E1

Net VX1200 chassis with 1 x 1 PORT T1/E1, Supports 30 CAS, ISDN AND SIP CALLS with VXVue (VX1200-1T1/E1)

• Enables seamless migration to VoIP, Unified Messaging and Unified Communications

• Reduces costs by enabling voice infrastructure consolidation & elimination

• Supports enterprise mobility with SIP WiFi devices

• Microsoft UC Qualified

The Net VX1200 is a Microsoft Lync compatible gateway.

### Upgrade Options

• Enhanced UC Features (first 60 licenses) includes SRTP (SWUCEXTGW)

• Enhanced UC Features (subsequent 30 licenses) - Requires First 60 License Purchase (SWUCEXTGW-INC)

• 30 SIP Channel Pack (SWSIP-30)

• 60 SIP Channel Pack (SWSIP-60)

• 120 SIP Channel Pack (SWSIP-120)

• Advanced SIP Security License (MD5) Provides SIP registrar, registrant, proxy-like functions (SWSIPADV)

• Protocol upgrade for VX1200 and VX1800 SIP Bundles Provide equivalent software functionality to SWSIP-EXT (BSP, H.323 and SIP unlimited calls). Includes full SIP registrar, proxy-like and subscriber tables (UPGSIPSW-EXT)

• VXGate Access License - Required for CDR management & viewing (SWGATEPNA)

A lower cost solution that drives even greater cost savings

The VX1200 provides a lower cost solution for enterprise VoIP, unified messaging and unified communications. Enterprises can leverage the VX1200 to reduce existing infrastructure by consolidating and eliminating expensive voicemail and PBX infrastructure. With support for enterprise mobility and SIP-Wifi devices, the VX1200 can also enable companies to dramatically reduce cellular service costs.

Security with scalability

The VX1200's optional hardware-based Security Acceleration Module, provides scalable, high-performance IPSEC, SRTP & TLS encryption for voice over IP communications.

Flexible, expandable and designed for the future

The advanced features of the VX1200 Unified Communications Gateway provide capabilities that go beyond the limitations of VoIP media gateways. The VX1200 is a fully integrated single box solution designed to handle the complexity and challenges that are common when introducing unified communications into today's enterprise voice networks. The VX1200 supports industry's broadest set of optional software modules to provide advanced gateway functions such as SIP trunking, integrated session border control, bandwidth optimization, hardware accelerated security, and remote survivability. These advanced options enable the VX1200 to deliver what enterprises need for secure migration to IP-based voice networking, unified communications and enterprise mobility while providing the interoperability to existing voice networks and PBX infrastructure.

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### VX1200 Base Specifications Interfaces

- Capacity - 2 slots for digital modules
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- T1 / E1 digital modules - 1, 2, and 4 port versions, 8 port maximum per node
- Ethernet - 6 x 10/100 Ethernet ports
- RS232 - Console for setup and debugging

### VoIP Signaling

- SIP - RFC3261 compliant

### TDM Signaling

- CAS: MF-R1, T1 CAS (E&M, Loopstart), E1 CAS (MFC-R2)
- ISDN: AT&T 4ESS, AT&T 5ESS, Nortel DMS-100, Euro ISDN (ETSI 300-102), QSIG, NTT InsNet(Japan), Harris 20/20, CoreNet and ANSI National ISDN-2 (NI-2)

### Voice Features

- Voice compression: G.711 (A-law and  $\mu$ -law), G.723 (5.3 or 6.3 Kbps), G.729A, G.729AB, G.726 (16, 24, or 32 Kbps), G.727 (16, 24, or 32 Kbps)
- Automatic call type detection/pass through for voice/modem/fax
- RFC2833 in-band DTMF signaling over RTP
- G.168 echo cancellation
- T.38 real time fax relay with CNG tone detection
- Voice activity detection, silence suppression, Automatic comfort noise generation
- Call progress tone generation and detection - Dial tone, busy, ring-back, and congestion
- RTP / RTCP

### Routing

- Dynamic flexible call routing with up to 10000 entries
- Link quality management (LQM) via ICMP or SIP-OPTIONS
- Multiple IP to IP and TDM to IP routing
- Multiple routing tables per channel, per port
- Load balancing
- DiffServ-based IP QoS support (marking, queuing and scheduling)
- 802.1p based Layer 2 QoS support
- Static IP routing
- Carrier selection via Least cost routing
- Local session control & management

### Security

- Transport Layer Security (TLS)
- Built-in VOIP aware firewall
- SSH
- Smart card authentication
- Hardened operating system
- Denial of service (DOS) attack mitigation and protection
- Advanced remote access control

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- Spoofing detection and avoidance
- DNIS, CLID, call type pre-authentication

### Configuration/Network Management

- SNMPv2 - traps, alarms, and statistics
- VXbuilder (GUI and Wizard based provisioning tool)
- VXwatch (real-time monitoring tool)
- Network logging (syslog)
- Active Directory User Integration

### Chassis Data

- Rack mount: 19in. (483mm) rack mountable with EIA and telco rack support
- Normal operating conditions: 32F to 104F (0C to 40C)
- AC power: 100 - 240 Volt, 50/60 Hz, 200 Watt
- Humidity: 10% to 90% non-condensing

### EMC & Safety Compliance

- Meets EN 300 386, EN55022, EN55024, EN60950,
- UL60950, CB

**Price: £6,260.00**