

# IntelliNAC i6

## NEXT-GENERATION NETWORK CONTROLLER

VeriFone's IntelliNAC i6 is the next-generation, high-density, multifunction, point-of-sale network access controller designed with future-proof features for investment protection. It delivers the unprecedented performance, speed, security, reporting capabilities and data capacity to move thousands of transactions quickly, securely and accurately.

### EXPANDABLE AND MANAGEABLE

- Easy migration – carries forward legacy NAC support from dial to Ethernet
- Protects POS transaction data via secure transport operations
- Authenticates via PKI standards required for PCI-DSS compliance
- Manages security levels to support multi-zone data encryption
- Centralized network management for reporting and monitoring

### FLEXIBLE AND SECURE

- High-density Digital Signal Processor network interface module supports full family of analog boards supporting PSTN connection
- Network operator can mix and match dial and Ethernet transactions within a single, common platform
- Supports all modem modes up to V.92, enabling high-speed transaction processing, software downloads and batch uploads
- Encrypts and transmits transactions virtually instantaneously with Secure Socket Layer technology
- Can directly connect to Internet and acts as a firewall to protect POS Host connections
- Connects to VeriFone's IN-tact Ethernet Gateway converter to provide TCP/IP consolidation

### PERFORMANCE AND DEPENDABILITY

- Dynamic, multi-protocol dial remote access service software
- Powerful transaction routing and load balancing functions
- Protocol conversion and support for in-service exchange of expansion boards and chassis components
- Dual AC or DC power supplies ensure critical services are always sustained

### Chassis

6-slot chassis featuring 4 embedded GigE Ethernet ports  
Quad Core 2.X GHz, 6GB DRAM  
Quad 1G Ethernet Dual Process  
Complete remote chassis management

### Communications

Ethernet: 10/100/100 UTP, TCP/IP supporting SSL  
Modem: V.21, V.22, V.22bis, V.29, Bell 103, Bell 212A, V.32, V.32bis, V.42, V.42bis, V.34, MNP4, MNP5, V.110, V120  
POS dial ports: Visa I/II, APACS, SDLC, HDLC, Asynchronous  
Serial: V.35, V.54, X.21, V.24/RS232

### Protocols

End user: TCP/IP, SNA (LU type 2, type 0), X.25, ISO 8583, Visa, fully transparent  
WAN: IP, TCP/IP for VPN  
WAN backup: IP, (TCP/IP for VPN)

### Analog Trunk Modules

4-port/8-port: Standard PSTN long haul wire connection  
External connection: RJ-11 connectors  
Call ID signaling

### Digital Trunk Modules

2-port/4-port: T1, E1 PRI, CAS  
Primary Rate Signaling Standards: DSS1 (Euro-ISDN), NI-1 (North America National ISDN 2), 5ESS (North America), NorTel DMS 100, 1TR6 (Germany), INS Net 64 (Japan), VN3 (France), CT1 (Belgium)

### Voltage

AC: Universal AC input, 90-264 VAC @ 47Hz to 63Hz  
DC: -48V DC optionally available

### Physical

17.32" (w) x 22.5" (l) x 6.92" (h)  
44 cm (w) x 57.2 cm (l) x 17.6 cm (h)

### Weight

55-65 lbs/24.95 kg (approximate weight, depends on configuration)

### Environment

Temperature: 0-50°C/32-104°F  
Humidity: 25% to 95%, non-condensing  
Heat Dissipation: 450 BTU/hr

### Compliance

FCC Part 15 | CB | CE | ICES-003  
EN55024:1998 + A1:2001 + A2:2003  
EN550022:2006 | EN61000-3-2:2006  
EN61000-3-3:2008 | AS/NZS CISPR 22:2006

