ARESCOM
Confidential

NetDSL 1700
Wireless LAN ADSL Router
Product Specifications
V5.2 Revision 3

1.0 HARDWARE SPECIFICATIONS

Interface

WAN Interface
- ADSL Interface
  - One ADSL port (RJ-11)
  - ADSL Line Code: Support ANSI T1.413 Issue 2, ITU-T G.992.1 (G.DMT), and ITU-T G.992.2 (G.Lite)
- ADSL Data Rate:
  - ANSI T1.413: Up to 8 Mbps downstream and up to 1024 Kbps upstream operating at full rate connection
  - G.DMT: Up to 8 Mbps downstream and up to 1024 Kbps upstream operating at DMT full rate connection
  - G.Lite: Up to 1.5 Mbps downstream and up to 1024 Kbps upstream operating at G.lite connection

Wired LAN Interface
- One Ethernet 10BaseT (IEEE 802.3) port (RJ-45)

Wireless LAN Interface
- IEEE 802.11b High Rate compliant
- Operating in the unlicensed 2.4GHz ISM band
- Operation Frequency/Channels (Either one below)
  - North America/FCC: 2.412~2.462 GHz (11 channels)
  - Europe/ETS: 2.412~2.472 GHz (13 channels)
  - Japan/TELEC: 2.412~2.472 GHz (14 channels)
- Modulation Technique: Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
- Dynamic Rate Shifting: 11, 5.5, 2 and 1Mbps
- Media Access Protocol: CSMA/CA with ACK
- Security Management: 40-bit, 128-bit WEP (wired equivalent privacy) Encryption
- Maximum Output Power: 17dBm (50mW)

Antenna

Removable 3-dBi diversity high gain dipole antenna

LEDs
- POWER
- DIAG
- ADSL WAN
- Ethernet
- Wireless LAN

Mechanical
- Dimensions: 8" (w) x 5.75" (d) x 1.5" (h)

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- Weight: 1.5 lbs.

Operating Environment

- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Operating humidity: 0% to 95% non-condensing

Power

External AC Power Adapter

- Input: 230V 85 mA or 120V 155 mA, 47-60 Hz
- Output: 13.5V AC, 1A
- Power consumption: 8.5 watts nominal

Compliance / Regulatory

- EMI: FCC Part15 Class B & Part 15C, CE EN55022 Class B
- Telecom: FCC Part 68
- WiFi Certified
- Immunity: CE EN55024
- Safety: CE EN60950