



ME103

802.11b ProSafe Wireless Access Point

Secure, Enterprise-class Functionality at an Affordable Price

- *Help is there when you need it! NETGEAR provides 24x7 technical support in English with selected local language support during office hours.*

- Delivering excellent value for the money, NETGEAR's 802.11b ProSafe Wireless Access Point provides your business network with high-speed, multi-faceted, secure mobile access at a very affordable price. This powerful access point is packed with features to give your wireless mobile workforce the best in continuous industry-standard 11 Mbps access to corporate network resources, e-mail and the Internet. Fully compatible with IEEE 802.11b (2.4 GHz) and forward compatible with 802.11g, this is the future-proof way to quickly set up a new wireless network or extend an existing Ethernet network. It supports roaming within an office, and ensures maximum privacy with the highest available level of 128-bit WEP encryption, Wi-Fi Protected Access (WPA)*, 802.1x and VPN pass-through support, and MAC address filtering.

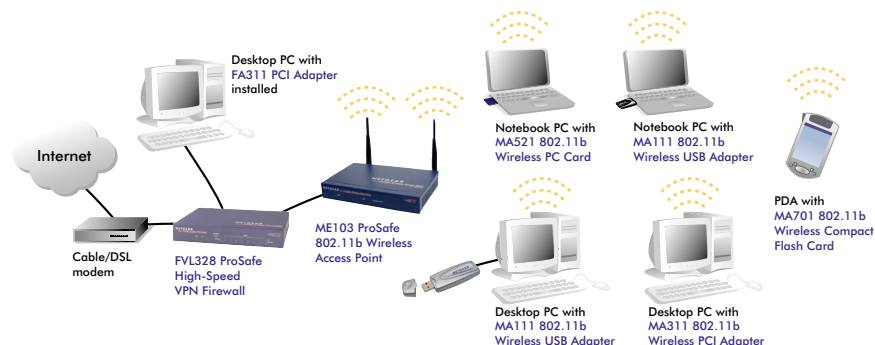
- Effective** ● IEEE 802.11b at 11 Mbps takes care of your business communications with speed and skill. Dynamic rate shifting guarantees the fastest possible connections. External detachable antennas can easily be upgraded to extend range for wider coverage. NETGEAR provides a comprehensive set of antenna accessories.

- Intelligent** ● Supports five operational modes including Wireless Distribution System (WDS) for bridging and repeater functionality*; Simple Network Management Protocol (SNMP) MIB I and MIB II support*; Power over Ethernet support with separate PoE module; 802.1x port-based authentication protocol support with Extensible Authentication Protocol (EAP) MD5, Transport Layer Security (TLS), Protected EAP (PEAP)*, and Tunneled TLS (TTLS)*.

- Safeguarded** ● Up-to-date WLAN security with 40/64 and 128-bit WEP encryption. WPA (Wi-Fi Protected Access) available with a future firmware upgrade for enhanced, interoperable, forward-compatible Wi-Fi security. Includes MAC address authentication and VPN pass-through.

- Uncomplicated** ● Easy on your budget, simple to install and use. Dynamic rate shifting automatically matches the best connection speed, and Auto Network Connect keeps users connected to the network, even while roaming. Equipped with two detachable 2dBi antennas. Smart Antennas and accessories available, sold separately.

Typical Network Setup





Technical Specifications

- **Performance:**
 - 32 simultaneous users at any time
 - Network speeds dynamically shift between 11, 5.5, 2 and 1 Mbps to maintain a reliable connection
- **Network Management:**
 - Use any web browser to manage WLAN
 - Power over Ethernet option with separate PoE module
 - SNMP MIB I & MIB II*
 - Five operational modes:
 - Regular access point
 - Client access point
 - Point-to-point bridge
 - Point-to-multipoint bridge
 - Repeater
- **Security:**
 - 40/60-bit WEP and 128-bit encryption
 - VPN pass-thru support
 - MAC address filtering with access control lists - up to 255 users
 - 802.1x support with EAP MD-5, TLS (TTLS, PEAP*)
 - 128-bit encryption with dynamic key exchange when using EAP TLS, TTLS and PEAP
 - Wi-Fi Protected Access (WPA)*
- **Hardware Specifications:**
 - 10/100 base-T Ethernet (RJ-45)
 - Auto uplink (Auto MDIX) for Ethernet port
 - 2 2dBi detachable antennas
 - Power Adapter Output 12VDC, 800 mA (ME103 accepts 5 to 12 VDC) - localized to country of sale for Australia, China, Europe, North America and the UK)
 - 3 LEDs: Power, Wireless Link/Act, and Ethernet Link/Act
- **Physical Specifications:**
 - Dimensions: 7.4 x 4.8 x 1.25 in (190 x 124 x 32 mm)
 - Weight: 1.27 lbs. (574 g)
- **Environment Specifications:**
 - Operating temperature: 32 to 104° F (0 to 40° C)
 - Operating humidity: 90% maximum relative humidity, noncondensing
- **Standards, Safety and Electromagnetic Conformance:**
 - IEEE 802.11b (2.4 GHz Frequency Band, DSSS Modulation Technique)
 - Radio: FCC Part 15 Subpart B Class B and Subpart C; CE0470: ETSI EN 300 328-2 V1.1.1 (2000-07), EMC EN301489-1 v1.2.1 (2000-08) and EN301489-17 v1.1.1 (2000-09), EN55022: 1998 CLASS B
 - Wi-Fi Certified
- **Warranty:**
 - NETGEAR 3-year warranty

Package Contents

- 802.11b ProSafe Wireless Access Point ME103
- Resource CD
- Power adapter
- 1.5 m (5 ft) Ethernet cable
- Installation guide
- Warranty card
- Support information card

NETGEAR Related Products

- FVL328 ProSafe High-Speed VPN Firewall
 - FVM318 802.11b ProSafe Wireless VPN Security Firewall
 - FVS318 ProSafe VPN Firewall
 - MA111 802.11b Wireless USB Adapter
 - MA521 802.11b 32-bit Wireless PC Card
 - MA701 802.11b Wireless Compact Flash Card
 - MA311 802.11b Wireless PCI Adapter
 - POE101 802.11b Power Over Ethernet Adapters
- **Smart Antennas and Accessories**:**
 - ANT24O5 5 dBi omni-directional antenna
 - ANT24D18 18 dBi Directional antenna
 - ANT24BNA 500 mW Booster for 802.11b products (U.S. only)
 - ANT24BDC 6 VDC, 1.5 A Power Injector for ANT24BNA (U.S. only)
 - 5 antenna cable lengths: 1.5, 3, 5, 10 & 30 m

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* Available early Summer 2003 via a free firmware upgrade.

**NOTE: To obtain optimal results in extending wireless range with outdoor antenna installations, it is recommended that a professional installer service is consulted for site survey and proper installation. Use of high gain antennas need careful planning to conform with EU regulations and extra consideration to avoid causing a potential health hazard.