Pace

Data Sheet | GA2305

ADSL2+, Dual Play, Broadband Gateway

Pace's GA2305 is an entry-level ADSL2+ Gateway, targeted for high-speed Internet services and dual-play (data and IPTV). It is designed as a flexible platform, which can host a range of applications and services.

High Quality
Pace's design teams are totally focused on product quality and work closely with chip set manufacturers and our factories to ensure we create intelligent, long lasting and future proof gateways.

High Performance
The built-in IEEE 802.11n wireless interface provides coverage and high performance for the whole home. Four fast Ethernet interfaces are provided to connect PCs, set-top boxes and other consumer devices in the home. Using the USB 2.0 host interfaces, the gateway can be equipped with 3G backup, hard drives for media storage, ZigBee dongles and other accessories to extend functionality.

Software
All of this is controlled by Pace's Helium gateway software, a unified software stack, which provides secure networking functions as well as a media centre.

Service and Remote Management
The GA2305 is equipped with advanced TR-069 management and is interoperable with major ACSs, as well as other methods of configuration via a user friendly GUI, TFTP or FTP. This enables operators to easily update the firmware image or the configuration data.

DSL Modem
- ADSL2+
- 24 Mbps downstream
- 1 Mbps upstream
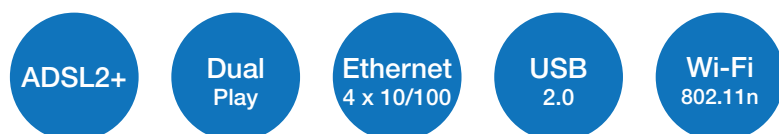- ADSL and ADSL2 compatible

LAN Interface
- 4 x Ethernet ports 10/100BaseTX

Wi-Fi
- IEEE 802.11 b/g/n
- MIMO 2x2
- Band: 2,4 GHz
- Two external antennas

USB Port
- 1 x USB 2.0 host
- Connector: Type A female
- 750 mA power

ADSL2+ | Dual Play | Ethernet 4 x 10/100 | USB 2.0 | Wi-Fi 802.11n

WiFi CERTIFIED

GA2305
Technical Specifications

DSL Modem

ADSL2+

ADSL, ADSL2 backwards compatible

General Protocol Support

IPv4 routing/forwarding

IPv6 routing/forwarding

DHCPv4/v6 server

DNS proxy

DHCPv4/v6 client (WAN side)

IGMP (IPv4)

ICMP

Multicast support

VLAN IEEE 802.1q

NTP client

IEEE 802.1x client

WLAN

Security/Encryption modes

• Open / none

• Open / WEP64

• Open / WEP128

• WPA / TKIP/PSK

• WPA2 / AES

WPS push button and PIN method

Automatic Channel selection

Multi-SSID

Firewall

Stateful Packet Inspection Firewall

NAT

Port Forwarding support

USB

Master function for connecting devices

• Mass storage devices

• ZigBee

• Camera

• Printer (for sharing)

• 3G module

Management

TR-069, TR-098

SSHv2

TFTP

Web UI (HTTP/HTML)

Home Centre

Web based User Interface

Camera management (proxy)

UPnP/DLNA Media server

Windows file sharing (Samba)

Printer sharing

Home automation controls

Diagnostics

For more information, please visit www.pace.com