



Firmware Release Note

Prestige 645R-A1

Release 3.40(GJ.1)C0

Date: Nov 25, 2002
Author: Robin Weng

Prestige P645R-A1 3.40(GJ.1)C0

Release Note

Date: Nov 25, 2002

Supported Platforms:

Samsung 9847+9850+8951

Versions:

ZyNOS Version: V3.40(GJ.1) | 11/25/2002

Bootbase Version: V1.05 | 11/12/2002 17:42:28

Notes:

1. The P645R-A1 (ADSL Router) is a small-office and home device that will allow a small LAN to access the Internet. By integrating ADSL, and NAT capability, P645R-A1 provides not only the ease of installation and Internet access, but also the most completed security solution to protect your intranet and efficient network management for data traffic.

The P645R-A1 provides four single auto-sensing, auto-detection 10/100BASE-T Ethernet ports for connection to the user's local network, and a single RJ-11 port for connection to ADSL line.

Main features:

- ADSL

- Support Multi-Mode standard (ANSI T1.413, Issue 2 ; G.dmt(G.992.1); G.lite(G992.2)).
- Auto-negotiating rate adaptation
- ADSL physical connection ATM AAL5 (ATM Adaptation Layer type 5)
- Support multi-protocol over AAL5 (RFC1483)
- Support PPP over ATM AAL5 (RFC2364)
- PPP over Ethernet support for DSL connection (RFC 2516)
- Support VC-based and LLC-based multiplexing
- F4/F5 OAM

- Hardware

- Four 10/100M Ethernet UTP ports for LAN connection

- Router

- NAT (includes multi-to-multi NAT) / SUA
- Packet Filter
- VPN (IPSec, PPTP, & L2TP) pass through support
- Port forwarding
- Embedded Web Configuration
- SNMP v1 & v2c with MIB II
-

2. Modem code version: SAMSUNG, DSP Version 109.021017

Known Issues:

Features:

Modification in 3.40(GJ.1)b3 (Nov 21, 2002)

1. [FEATURE ENHANCED] Use new compressing method to reduce the RAS to 1M flash
2. [FEATURE ENHANCED] Support 1M MX flash, boot module is upgrade to 1.05

Modification in 3.40(GJ.1)b2 (Oct 31, 2002)

3. [FEATURE ENHANCED] Samsung modem code is upgraded to Version 109.021017