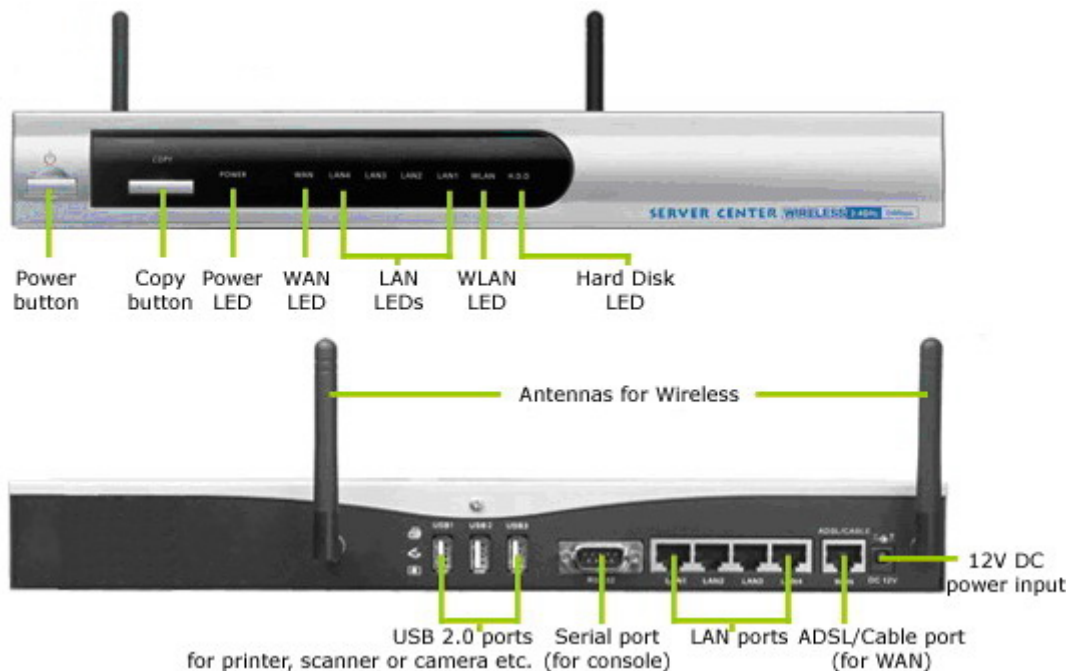The PSC-302 Wireless Home Matrix Server Center provides the whole new world and spectrum of home Gateway definition. The PSC-302 is the major building block in your home network toward your next generation convergent system. Powerful and all-in-one features enable you saving money, time, and space.

Power button — Copy button — Power LED — WAN LED — LAN LEDs — WLAN LED — Hard Disk LED

Antennas for Wireless

USB 2.0 ports for printer, scanner or camera etc. — Serial port (for console) — LAN ports — ADSL/Cable port (for WAN) — 12V DC power input

One for All

- Firewall Server
- File Server
- Web Server
- Mail Server
- Print Server
- VoIP Server
- Stream Server
- Backup Server
- Access Control
- VOD Backup

Features

- **Multi-server Combination Design**
  Internet Access/VPN Gateway/NAT-Firewall/WiFi AP Router/Web server/E-mail server/File server/Printer server/VoIP(SIP) server/Stream NAS server, and hardware encryption engine all in one.

- **Automatic Installation**
  Plug and Play. Auto configuration, no expertise required

- **Independent Public and Private Database, providing:**
  Personal E-mail, files, and album storage. Space for personal files backup and information exchange.

- **Special Design of Dynamic Domain Name Service (DDNS)**
  Fixed/Dynamic IP selectable. Special design for domain name applied on dynamic IP. Unique name allows your magic server to be found easily, no matter home moving or ISP changing. Even if it behind NAT router.

- **Internet Access**
  ADSL/Cable/Fiber modem connection allowable. Automatic detection and connection

- **VPN Gateway design-in**
  Infinite extension of internal server access to remote private users over Internet. Hardware encryption and VPN software providing secure channel for users.

- **NAT-Firewall**
  Linux platform, high immunity from virus

- **WiFi AP Router**
  IEEE 802.11g/54Mbps/2.4GHz. Support up to 253 users maximum. Low power radiation and high coverage area due to smart antenna arrangement.

- **Web Server**
  Home page DIY, customized and no expertise required. No homepage space limitation. Private style portal page DIY, no expertise and expense required.

- **E-mail Server**
  POP3/SMTP server. Web based E-mail server. No capacity limitation of E-mail box.

- **Print Server**
  Saves money and space for multi-user. One printer serves all. Wireless connection. Easy to print from Intranet and Internet. Virtual Fax machine feature.

- **SIP (VoIP) Server**
  Save money for long distance and international calls by using PSTN phone, IP phone and Portable IP phone. VoIP number to call all personal office/home/mobile phones.

- **Stream NAS Server**
  MPEG1/MPEG2/MPEG4/MP3 streaming support, SAMBA. RTP/RTSP/HTTP protocols. Multicast streaming Video (entertainment/personal record) via media player (PMP-302) to television.

- **Special Access Control**
  Wireless MAC ID/user name& password control selectable. Forbid intruders to access Internet and Intranet, only authorized user can enter your network. Administrator can limit each user's access time, by total time budget or by weekly time schedule to prevent children from Internet access too long.

- **Album/address book**
  Public and private album. Easy to store/download/ edit tag/print and display by PDA/PC or TV.

- **Music/video library application design**
  Independent public and private music/video libraries. Easy to store/download/tag edit/play on PC/PDA or TV/Home stereo system. Easy to sort by catalog.

Specification

- CPU : MIPS based SoC

- Memory Storage: SDRAM 32/64 MB, NOR Flash 4 MB, USB Flash disk (64/128 MB) or Hard disk (80/120 GB) drive

- WAN Port: 10/100M Base-T, Full/Half duplex, auto-cross-over

- LAN Port X 4: 10/100M switched LAN, auto cross-over

- WiFi 802.11 g Access Point

- USB2.0 host port X 3: USB Mass storage (Hard disk, Flash-disk, DVD ROM, Camera) or USB Printers.

- RS232 serial port (for console)

- Hardware acceleration for encryption/decryption: Support 3DES, DES, AES

- Power Adaptor (external): DC12V/4A or 5A, UL, CE approval

- Dimension: (L) 340mm x (W) 200mm x (H) 43mm

- Environmental: Temperature : 0 ~ +55°C (operating), -20 ~ +65°C (storage), Humidity : 0~95%

- Approvals: FCC part 15, CE