



IPNext500 One System Dual IP PBX

With the growth of business customers' needs for IP telephony and broadband converged network applications, the trends towards 'All IP' communication environment are becoming a reality keeping pace with the technological advance of next generation networking. IPNext500 IP-PBX delivers a new IP communication solution for 'All IP' environment as a core system of AddPac's comprehensive IP solution which features various multimedia IP terminal equipments such as AP-VP300, AP-VP280 IP video phone and AP-IP300, AP-IP120 IP phone etc.

Designed on the foundation of high performance embedded RISC CPU, IPNext 500 supports the module type dual CPU boards for system redundancy. Also, IPNext500 supports dual power supply. It's ideal IP-PBX system for medium size enterprise taking a full advantage of system stability.

IPNext500 NGN (Next Generation Network) IP-PBX provides the active-active system duplication features for fault tolerant architecture. For the system duplication, it use the dual(2) Hot-Swap CPU boards at the front part of chassis. Also, it also comes with two(2) 10/100/1000Mbps gigabit ethernet port and console port at front panel. It features a wide variety of SIP based internal call scenarios such as Basic Call, Coloring Service, Music on Hold, Blind Transfer, Call Pickup, Group Call Pickup, Consult Call, Switching Call, Consult Transfer, Call Waiting, Call Waiting Notify, Call Park, Call Pickup Remote, Hunt Group, supporting SIP, H.323 for external calls concurrently. In addition, internal NAND flash memory and DDR memory is well-suited to the services which need sizable memory capacity such as Voice Mail ensuring the system consistency and the high availability. Also, RTP Proxy Service for private IP address, intelligent IVR service, Media Service such as music on hold, announcement, music ring back tone, Unified Messaging Service (voice mail) are additional IPNext500 IP-PBX service features beside basic SIP call manger service.

As 'All IP' multimedia telephony environment is becoming a reality with advanced next generation networking technology; there is now critical demand of optimal integration of the solutions. AddPac Technology offers a range of solution covering VoIP and Media gateway, audio/video terminal equipments, Independent audio/video MCU, IP audio/video broadcasting solution, Network CCTV solution like as VMS, audio/video recording solution, Traffic controller, QoS equipment to meet customers' various communication requirements, so you can best optimize your network environment to maximize benefit from convergence of multimedia communication.

Product Highlights

- New 'All-In-One' IP-PBX Concept with Voice, Audio, Data Integrated for Complete IP Telephony System
- Module Type Dual IP-PBX for Fault Tolerant and Saleable Architecture
- Upgradeable System Architecture based on Programmable RISC
- Two(2) 10/100/1000Mbps Gigabit Ethernet Interface per a system board
- RS-232C Console Interface for CLI (Command Line Interface)
- SIP Application Server, Proxy, Registrar and Location Server(RFC3261)
- Multiple ITSP Trunk with SIP & H.323 Account Support
 - IP UA Client Role for Registering to ITSP SIP Server
 - H.323 Gatekeeper Client Role for Registering to ITSP H.323 Gatekeeper Server
- Various IP Telephony Call Scenario (Coloring, Music on Hold, Call Transfer, etc)
- Powerful IVR function via IVR Scenario Editor
- Unified Messaging Service Support
- Internal RTP Proxy Service for Private IP Address Support
- User Presence Service Support
- Media Service for Music on Hold, Ring back tone, etc
- Remote Firmware Upgrade Through FTP & TFTP Protocol
- Essential Scalability Features such as DHCP Server & Relay, NAT/PAT, IEEE Transparent Bridging, and Debugging/Diagnostics, etc.

IPNext500 Application

- IP Multimedia Telephony Service
- IP based Call Center
- SIP Proxy Server

