

IPNext IP-PBX Solution



AddPac

AddPac Technology

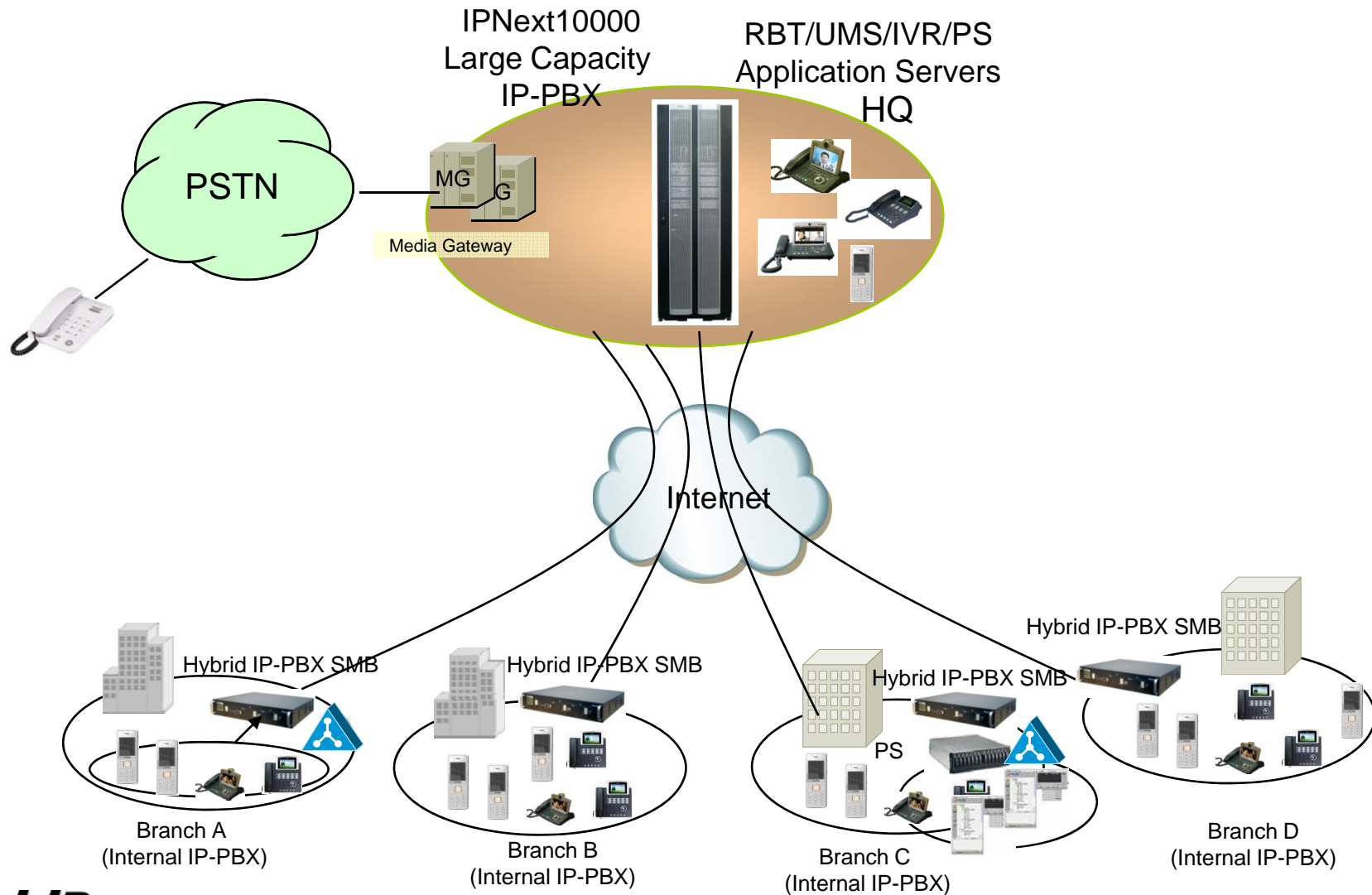
2012, Sales and Marketing

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- SMM (Smart Multimedia Manager) for AddPac IP-PBX

IPNext IP-PBX Service Diagram



IPNext IP-PBX Comparison Table

Model		IPNext10000	IPNext5000	IPNext3000	IPNext2000
Service Features					
Registration User Number		More than 10000	5000	3000	2000
Concurrent Call User Number		5000	1000	800	500
IPv4/IPv6 Dual Stack Support		Support	Support	Support	Support
VoIP Signaling	Internal	SIP	SIP	SIP	SIP
	External	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP
Powerful IVR, UMS, Media Service, User Presence Service		Support	Support	Support	Support
RTP Proxy Service (IPv6, Private IP)		Support	Support	Support	Support
LAN Port		2	2	2	2
System Duplication		Support	Support(built-in)	Support(built-in)	Support(built-in)

IPNext IP-PBX Comparison Table

Model		IPNext1000	IPNext700	IPNext600	IPNext500
Service Features					
Registration User Number		1000	700	500	500
Concurrent Call User Number		500	300	100	100
IPv4/IPv6 Dual Stack Support		Support	Support	Support	Support
VoIP Signaling	Internal	SIP	SIP	SIP	SIP
	External	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP
Powerful IVR, UMS, Media Service, User Presence Service		Support	Support	Support	Support
RTP Proxy Service (IPv6, Private IP)		Support	Support	Support	Support
LAN Port		2	2	2	2
System Duplication		Support	Support	Support(Built-In)	Support



IPNext10000 Large Capacity IP-PBX

Main Features

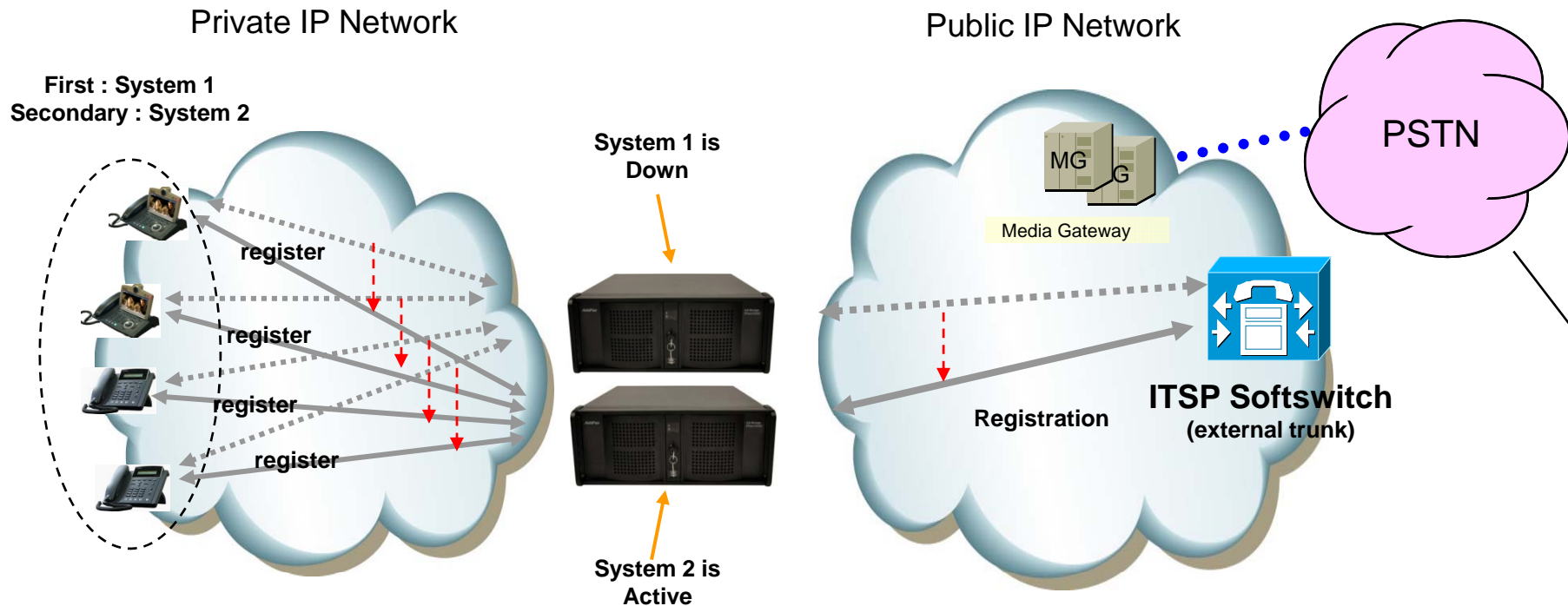
IPNext10000 Large Capacity IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Large Office
- IP Centrex Service Support
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- Linux Operating System
- Commercial H/W Platform Support
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

System Redundancy Features

IPNext10000 Large Capacity IP-PBX

- Active– Active Duplication Scheme
- Active – Standby Duplication Scheme
- VRRP based Duplication Scheme

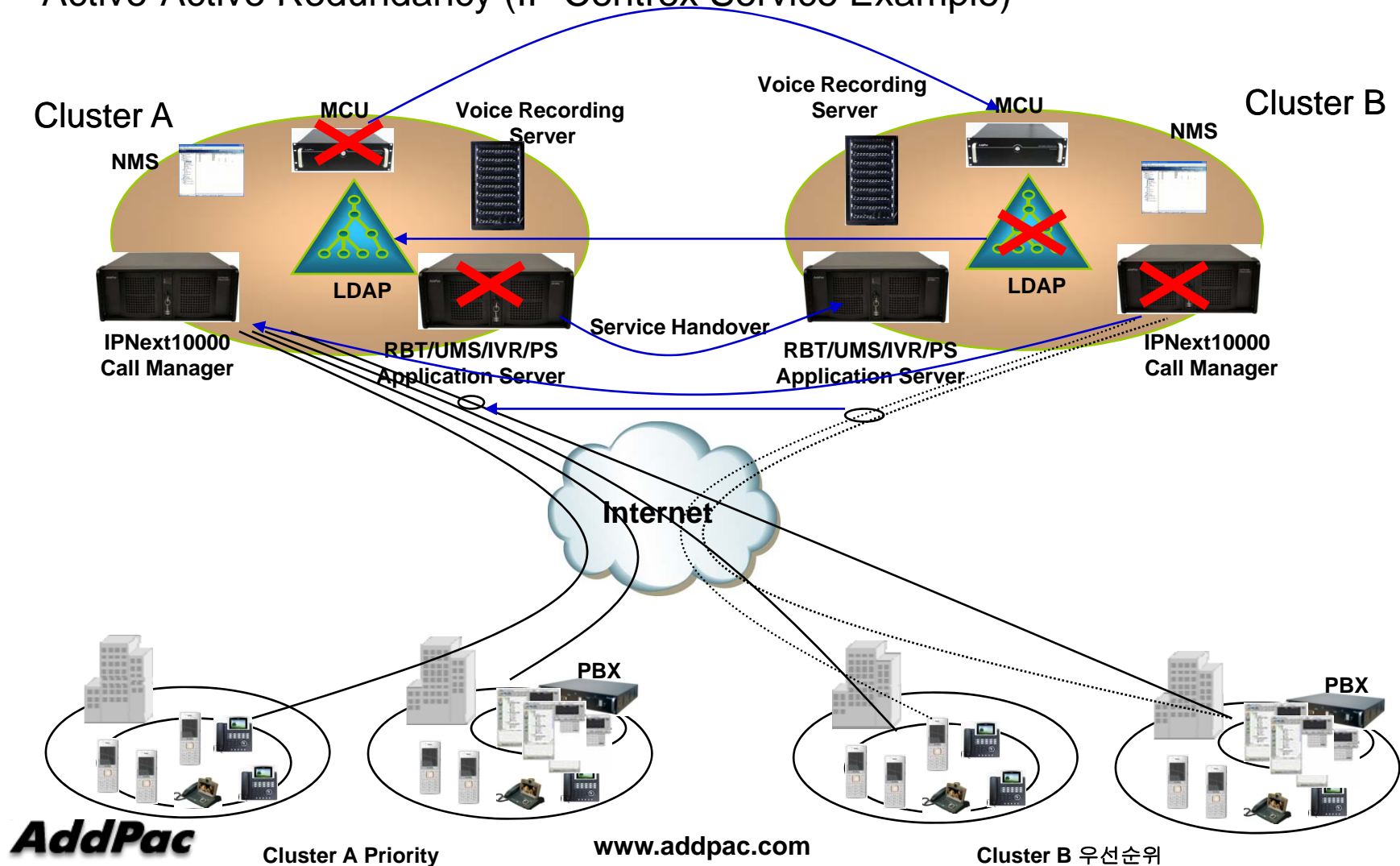


Active – Standby Duplication Scheme (example)

System Redundancy Features

IPNext10000 Large Capacity IP-PBX

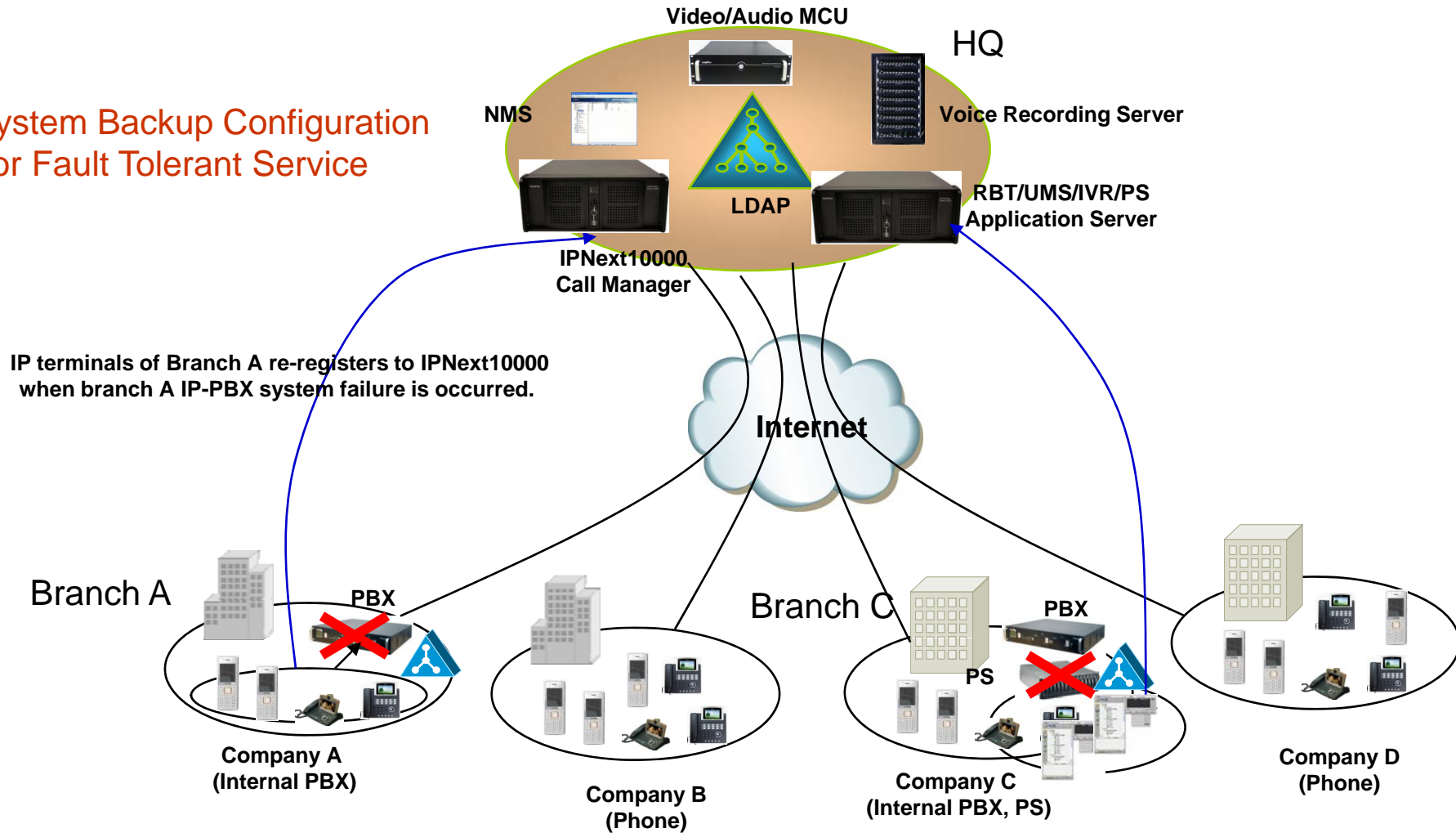
- Active-Active Redundancy (IP Centrex Service Example)




IP Centrex Service

IPNext10000 Large Capacity IP-PBX

System Backup Configuration for Fault Tolerant Service





IPNext5000 IP-PBX (One System, Dual IP-PBX)

Main Features

IPNext5000 Next Generation IP-PBX

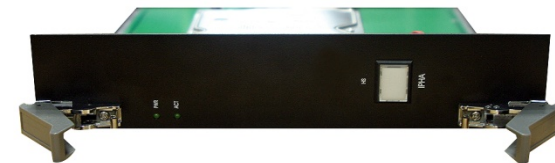
- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Large Office
- System Duplication Support (Dual System Board, Dual Power Supply)
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

Hardware Specification

IPNext5000 Next Generation IP-PBX

RISC
CPU

- 64bit High-End C Microprocessor Computing Power
- Main Chassis
 - Dual Redundancy CPU Boards for System Fault Tolerant
 - Two(2) 10/100Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - Two(2) 3.5 Inch Hard Disk Interface Slot (RAID 1)
 - Dual Redundancy Power Supply Module
 - Hot-Swap Features

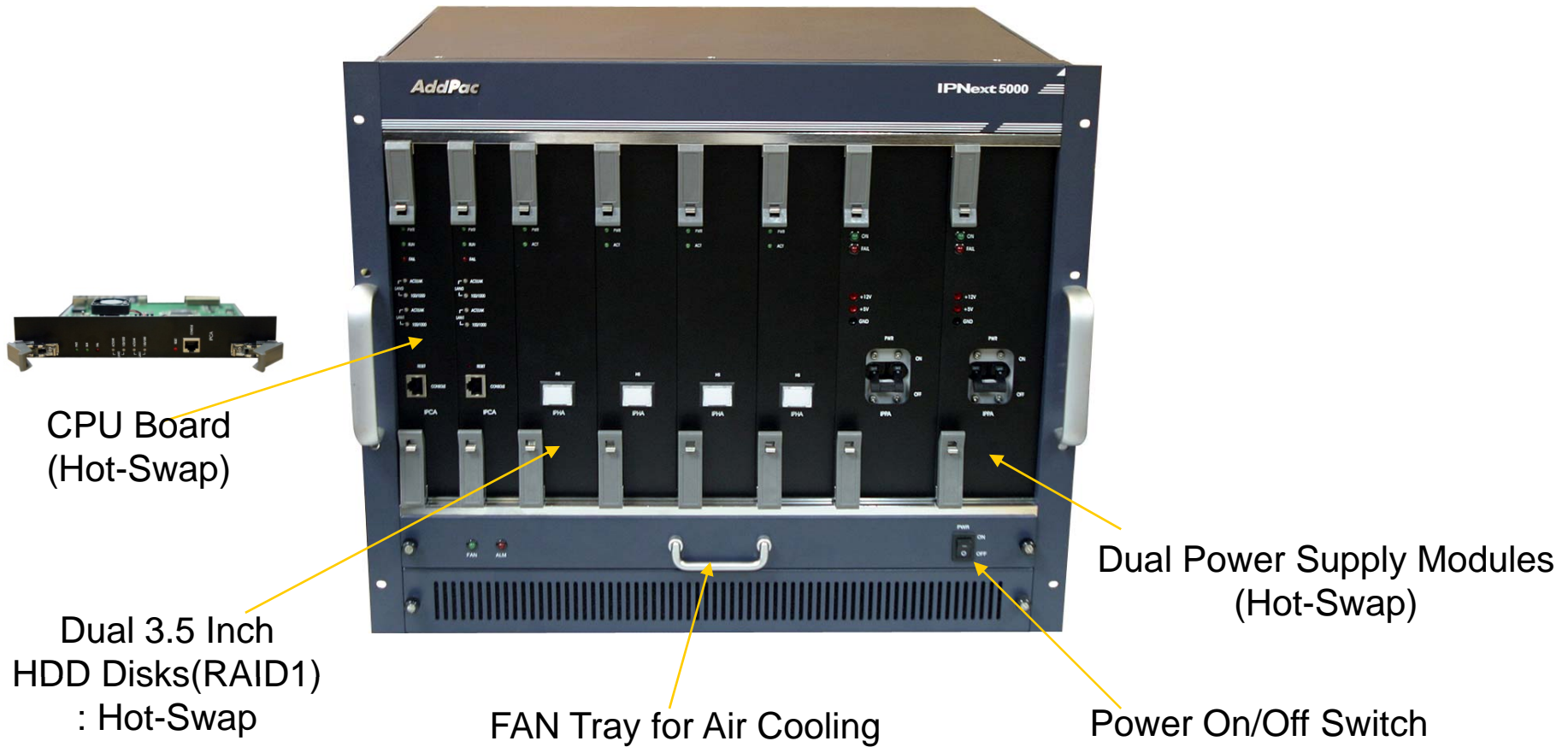


Hardware Specification

IPNext5000 Next Generation IP-PBX



IPNext5000 Front Side



Hardware Specification

IPNext5000 Next Generation IP-PBX

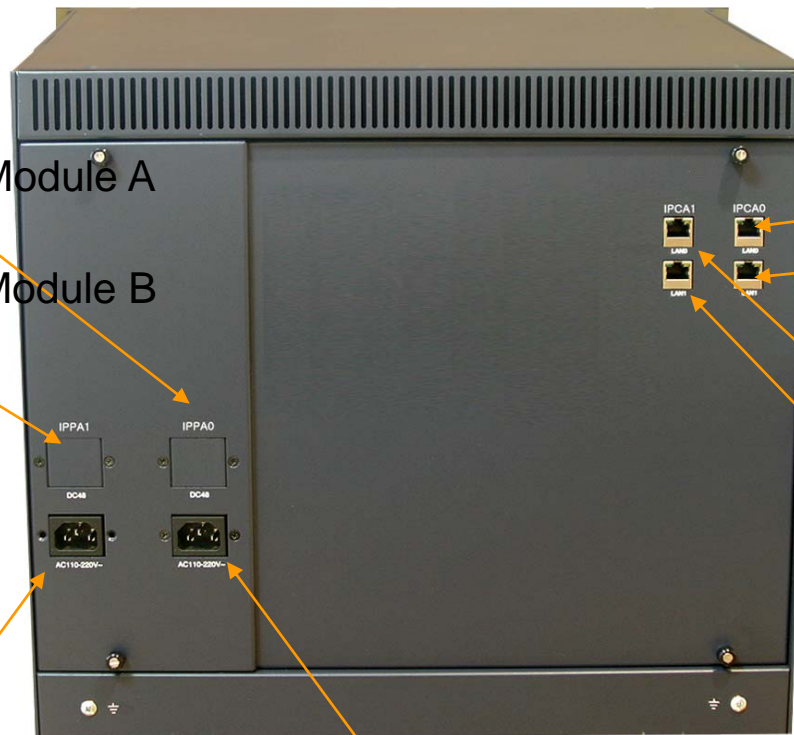
RISC
CPU

DSP

IPNext5000 Back Side

Plug for DC PSU Module A

Plug for DC PSU Module B



LAN0 for Active CPU


LAN1 for Active CPU

LAN0 for Standby
CPU

LAN1 for Standby
CPU

One Plug for Single PSU Modules
(AC PSU Module B)

Plug for AC PSU Module A
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IPNext3000 IP-PBX (One System, Dual IP-PBX)

Main Features

IPNext3000 Next Generation IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Large Office
- System Duplication Support (Dual System Board, Dual Power Supply)
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

Hardware Specification

IPNext3000 Next Generation IP-PBX

RISC
CPU

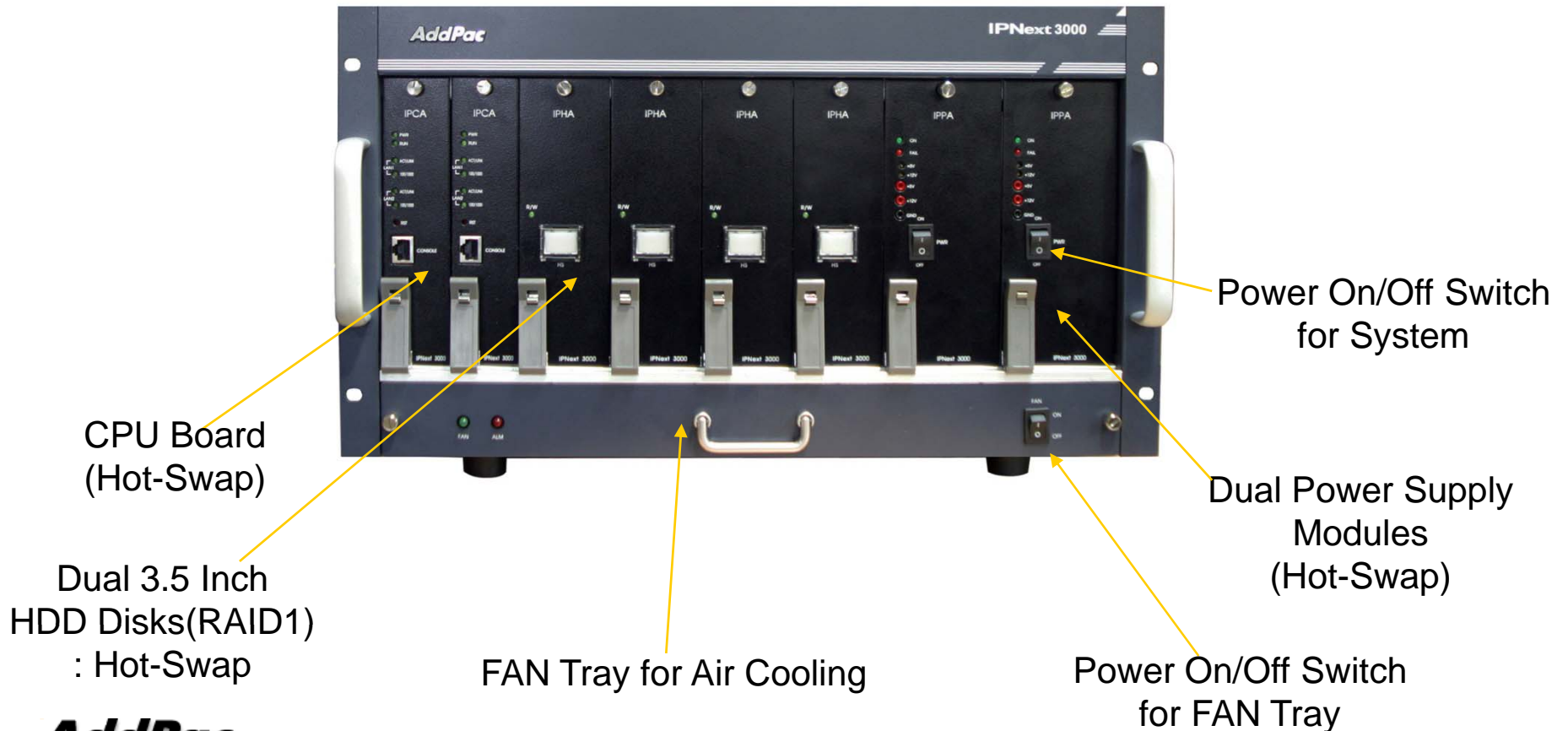
- 64bit High-End Microprocessor Computing Power
- Main Chassis
 - Dual Redundancy CPU Boards for System Fault Tolerant
 - Two(2) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - Two(2) 3.5 Inch Hard Disk Interface Slot (RAID 1)
 - Dual Redundancy Power Supply Module
 - Hot-Swap Features

Hardware Specification

IPNext3000 Next Generation IP-PBX



IPNext3000 Front Side



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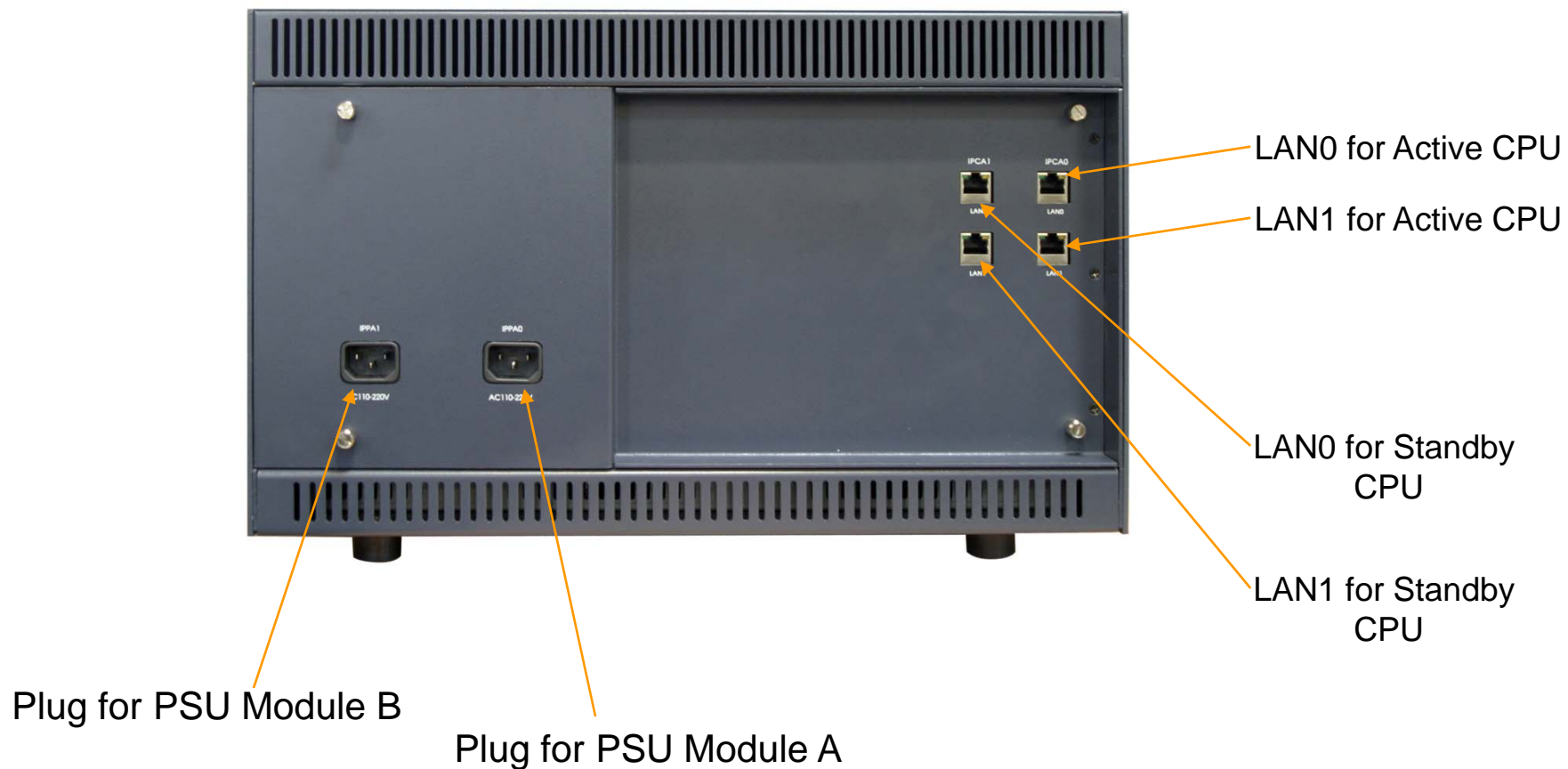
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Hardware Specification

IPNext3000 Next Generation IP-PBX



IPNext3000 Back Side





IPNext2000 IP-PBX (One System, Dual IP-PBX)

Main Features

IPNext2000 Next Generation IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Large Office
- System Duplication Support (Dual System Board, Dual Power Supply)
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

Hardware Specification

IPNext2000 Next Generation IP-PBX

RISC
CPU

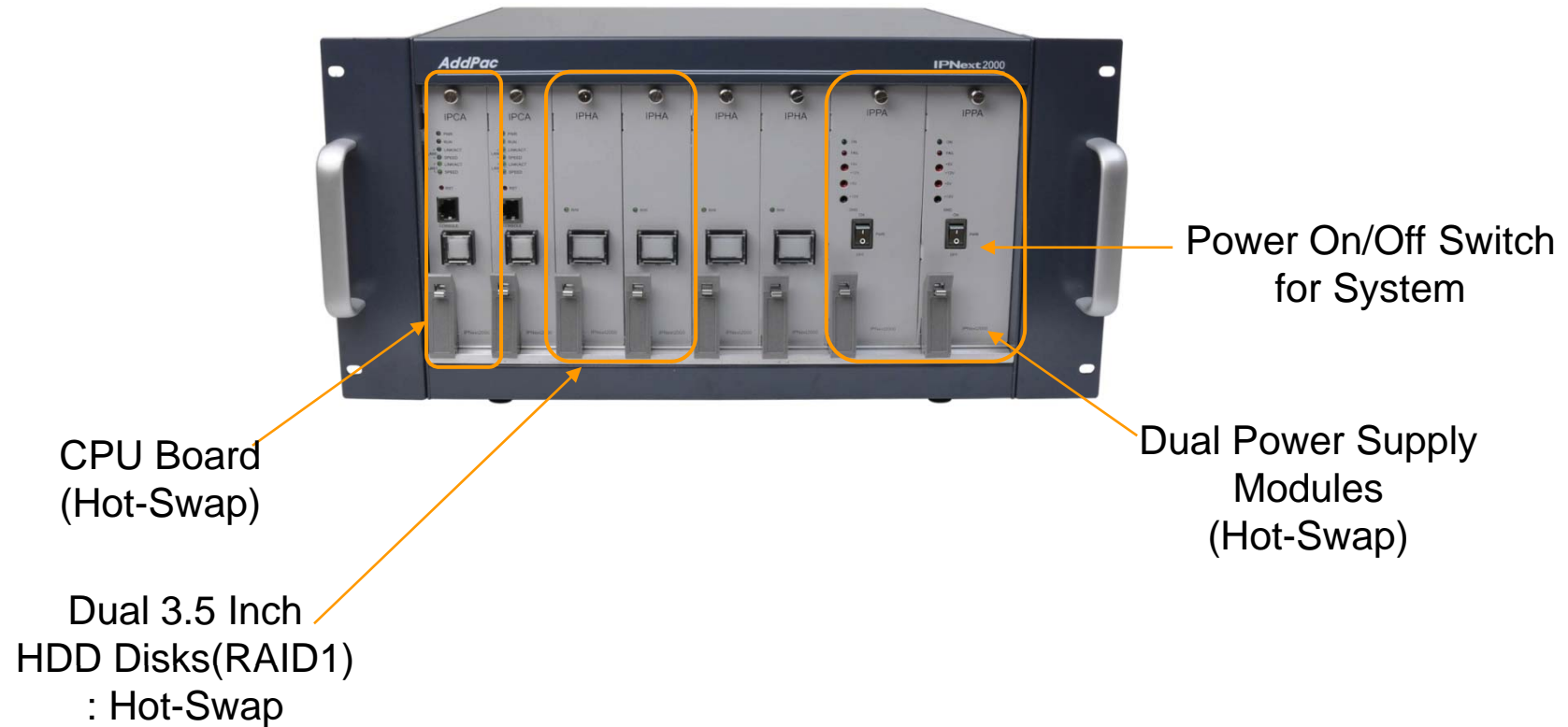
- 64bit High-End Microprocessor Computing Power
- Main Chassis
 - Dual Redundancy CPU Boards for System Fault Tolerant
 - Two(2) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - Two(2) 3.5 Inch Hard Disk Interface Slot (RAID 1)
 - Dual Redundancy Power Supply Module
 - Hot-Swap Features

Hardware Specification

IPNext2000 Next Generation IP-PBX

RISC
CPU

IPNext2000 Front Side

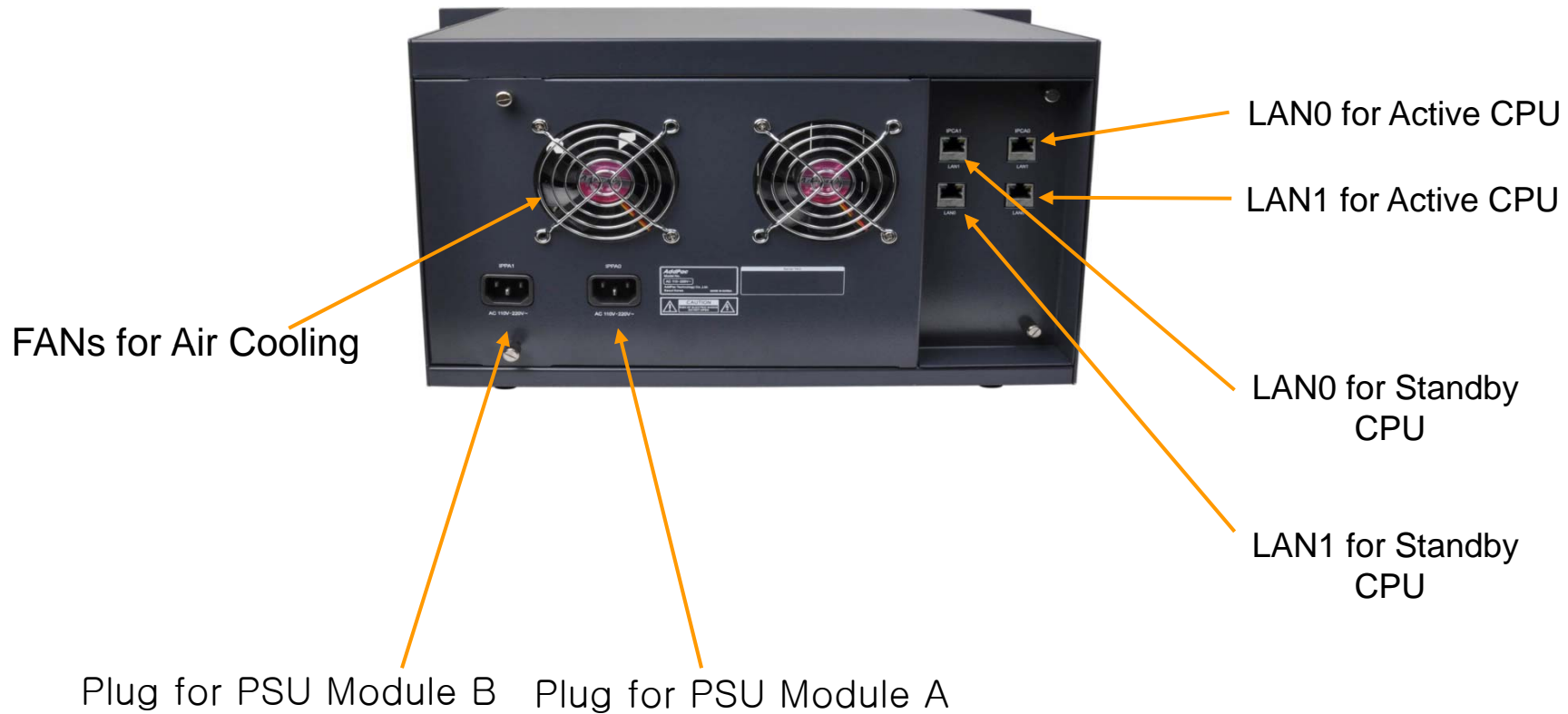


Hardware Specification

IPNext2000 Next Generation IP-PBX



IPNext2000 Back Side





IPNext1000 IP-PBX

Main Features

IPNext1000 Next Generation IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Medium & Large Office
- Powerful Management and User Friendly Features
- Module Type Dual Power Supply
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

Hardware Specification

IPNext1000 Next Generation IP-PBX

RISC
CPU

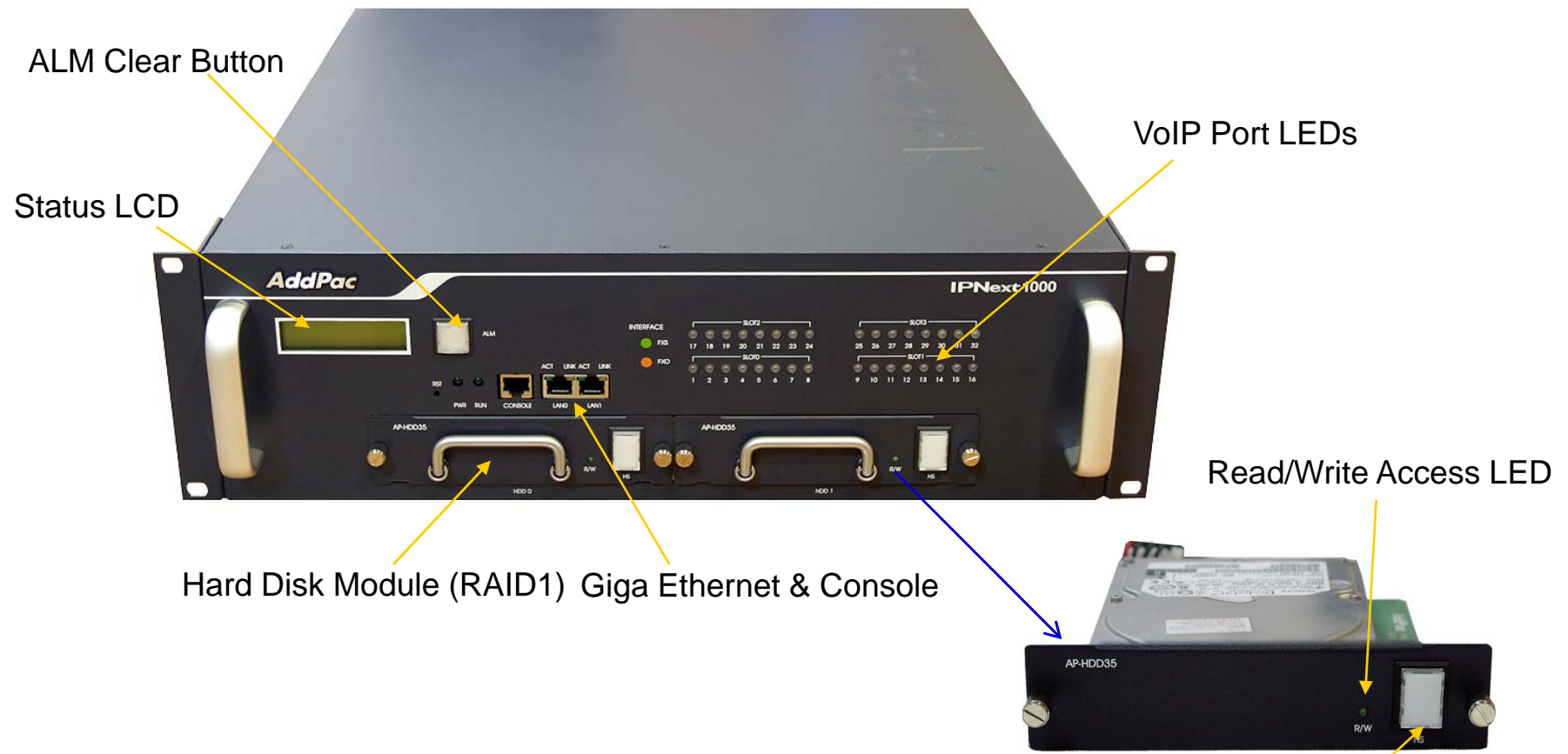
- 64bit RISC Microprocessor Computing Power
- Main Chassis
 - Fixed Network Interface
 - Two(2) 10/100/1000Mbps Giga Ethernet
 - One(1) RS-232C Console (RJ45)
 - Status Indication LCD
 - Two(2) Hard Disk Interface Slot for RAID1 Configuration
 - Four(4) VoIP Module Slots for FXS, FXO, E&M, Digital E1/T1, Audio broadcasting, etc
 - VoIP Port Indication LED
 - Power Redundancy

Hardware Specification

IPNext1000 Next Generation IP-PBX

RISC
CPU

IPNext1000 Front Side



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Hot-Swap Switch & LAMP Indication 29

Hardware Specification

IPNext1000 Next Generation IP-PBX

RISC
CPU

IPNext1000 Back Side



Power Supply Module



VoIP Modules



IPNext700 IP-PBX

Main Features

IPNext700 Next Generation IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Medium Office
- Powerful Management and User Friendly Features
- Module Type Dual Power Supply
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

Hardware Specification

IPNext700 Next Generation IP-PBX

RISC
CPU

- RISC Microprocessor Computing Power
- Main Chassis
 - Network Interface
 - Two(2) 10/100Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - Two(2) 3.5 Inch Hard Disk Interface Slot (RAID 1)
 - Dual Redundancy Power Supply Module
 - Call Status Monitoring Display LEDs

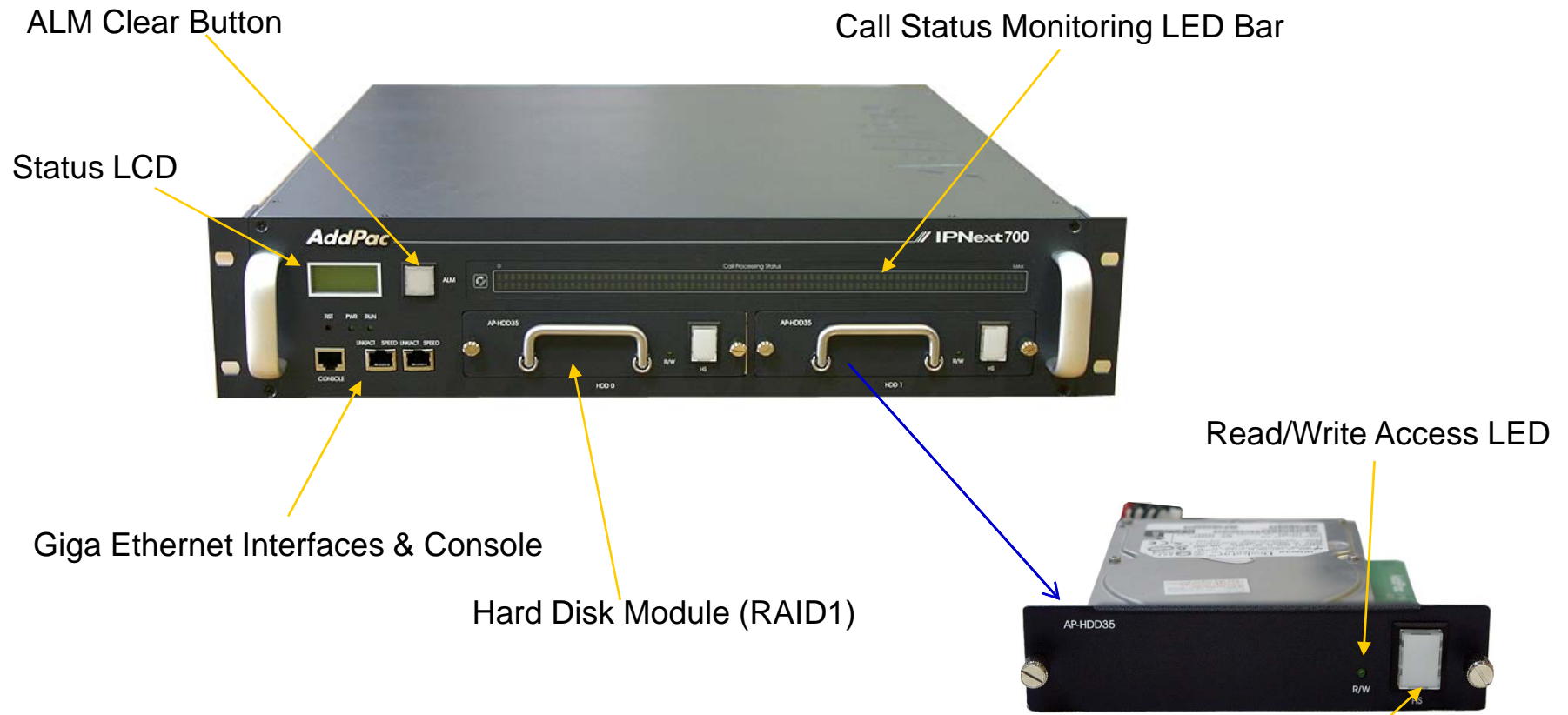


Hardware Specification

IPNext700 Next Generation IP-PBX

RISC
CPU

IPNext700 Front Side



Hardware Specification

IPNext700 Next Generation IP-PBX


RISC
CPU

IPNext700 Back Side



Power Supply Module





IPNext600 IP-PBX (One System, Dual IP-PBX)

Main Features

IPNext600 Next Generation IP-PBX

- SIP Application Server, Proxy, Registrar and Location Server
- Multiple ITSP Trunk with SIP & H.323 Accounts Support
- Dual System Redundancy Architecture
 - Two(2) Fast Ethernet Interface / System
- High Performance RISC Architecture
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- IPv4/IPv6 Dual Stack
- RTP Proxy Function Embedded for Private IP and IPv6 Address Interworking
- User Presence Service Features for Smart Multimedia Messenger and Smart IP Phone
- IVR Scenario Editor, Voice Mail, Media Service (Coloring), Conference
- Firmware Upgradeable Architecture
- Smart Multimedia Manager for IP-PBX Management
- Smart Messenger Service (click to dial) for Unified Communication
- VPMS (VoIP Plug&Play Management System) & Smart NMS for Large Scale Deployment
- Advanced Voice QoS Mechanism
- Dual Redundancy Power Module

Hardware Specification

IPNext600 Next Generation IP-PBX

RISC
CPU

- 64bit High-End Microprocessor Computing Power
- Main Chassis
 - Dual Redundancy CPU Boards for System Fault Tolerant
 - Two(2) 10/100Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - Dual Redundancy Power Supply Module
 - Hot-Swap Features

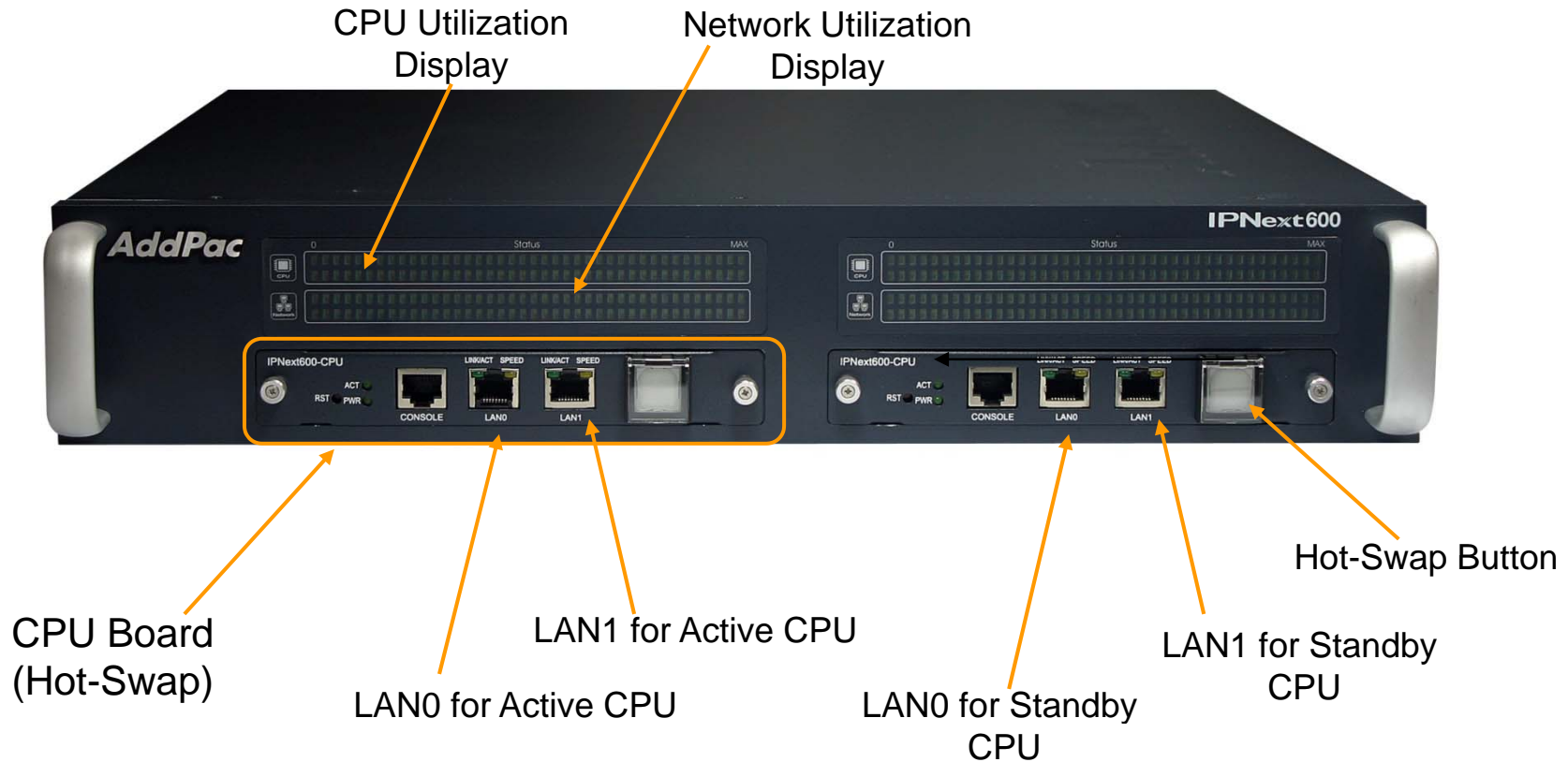


Hardware Specification

IPNext600 Next Generation IP-PBX

RISC
CPU

IPNext600 Front Side



Hardware Specification

IPNext600 Next Generation IP-PBX

RISC
CPU

IPNext600 Back Side

Dual Power Supply
Modules
(Hot-Swap)



PSU Module A

PSU Module B

Power On/Off Switch
for System



IPNext500 IP-PBX

Main Features

IPNext500 Next Generation IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Medium Office
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

Hardware Specification

IPNext500 Next Generation IP-PBX

RISC
CPU







- 64bit RISC Microprocessor Computing Power
- Main Chassis
 - Fixed Network Interface
 - Two(2) 10/100Mbps Fast Ethernet
 - One(1) RS-232C Console (RJ45)
 - Two(2) Hard Disk Interface Slot for RAID1 Configuration
 - Two(2) VoIP Module Slots for FXS, FXO,E&M, Digital E1/T1, Audio broadcasting, etc
 - One(1) PCI Bus Module Slot for Network and Video Application

Hardware Specification

IPNext500 Next Generation IP-PBX

RISC
CPU

VoIP Interface Module

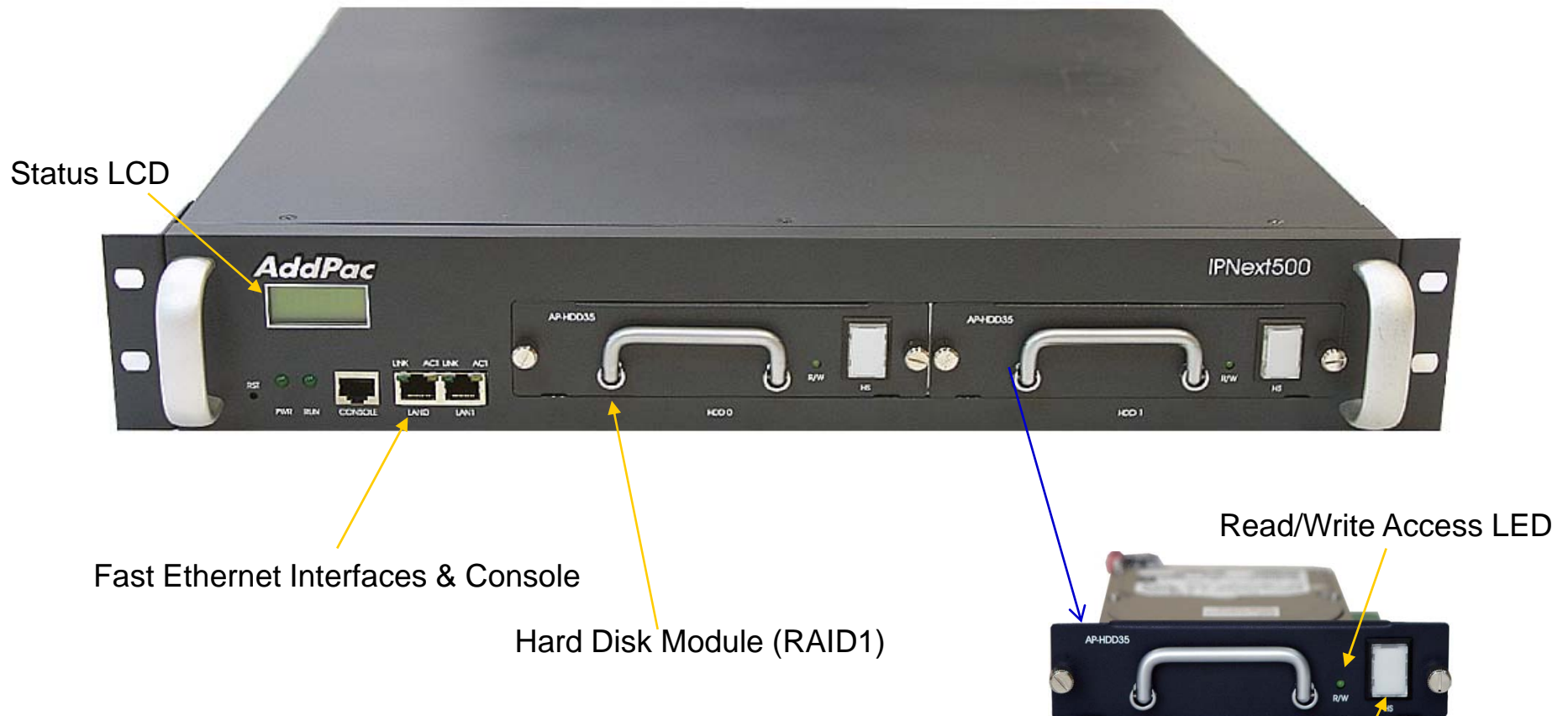
AP-FXS4		4-Port FXS Voice Processing Module (4 x RJ11)
AP-FXO4		4-Port FXO Voice Processing Module (4 x RJ11)
AP-E&M4		4-Port E&M Voice Processing Module (4 x RJ11)
AP-FXO2S2		2-Port FXO & 2-Port FXS Voice Processing Module (4 x RJ11)
APVI-1E1		1-Port PBX Digital E1 Module (1 x RJ45)
APVI-1T1		1-Port PBX Digital T1 Module (1 x RJ45)

Hardware Specification

IPNext500 Next Generation IP-PBX

RISC
CPU

IPNext500 Front Side



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Hot-Swap Switch & LAMP Indication 45

Hardware Specification

IPNext500 Next Generation IP-PBX

RISC
CPU

IPNext500 Back Side



Video & Network
Modules

VoIP & Voice Broadcasting Modules

Power On/Off Switch
for System



AddPac IP Terminals

AddPac IP Terminals

- AP-VP500 Video Phone
- AP-VP350 MCU Video Phone
- AP-VP300 Video Phone
- AP-VP280 Video Phone
- AP-VP250 Video Phone
- AP-VP230 Video Phone
- AP-VP150 Video Phone
- AP-VP120 Video Phone
- AP-IP300 IP Phone
- AP-IP250 IP Phone
- AP-IP230 IP Phone
- AP-IP160 IP Phone
- AP-IP120 IP Phone
- AP-IP90 IP Phone
- AP-WP100 Wi-Fi Phone
- AP-SMP100 Soft Phone



AP-VP500



AP-VP300



AP-VP150



AP-WP100



AP-VP120



AP-IP300



AP-IP230



AP-IP160











AP-IP120



IP Video Phones for AddPac IP-PBX

IP Video Phones for AddPac IP-PBX

	AP-VP500	AP-VP350	AP-VP300N	AP-VP280	AP-VP250	AP-VP230	AP-VP150	AP-VP120
								
LCD Size	12.1 Inch Touch Screen	7Inch Touch Screen	7Inch Touch Screen	7Inch Touch Screen	4.3Inch Touch Screen	5Inch Touch Screen	4.3Inch Touch Screen	4.3Inch
Camera	CCD	CCD	CCD	CMOS	CMOS	CMOS	CCD	CMOS
Video Codec	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264
Signaling	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP
Video MCU	N/A	4-Party Video MCU	N/A	N/A	N/A	N/A	N/A	N/A
Voice MCU	3-Party	3-Party	3-Party	3-Party	3-Party	3-Party	3-Party	3-Party
LAN Port	2	2	2	2	2	2	2	2
PoE	N/A	N/A	Support	Support	Support	Support	Support	Support



IP Phones for AddPac IP-PBX




IP Phones for AddPac IP-PBX

	AP-IP300	AP-IP250	AP-IP230	AP-IP160	AP-IP120	AP-IP90
						
LCD Size	4.3 Inch Color LCD	4.3 Inch Color LCD	5 Inch Color LCD	4 Text Line Graphic LCD	4 Text Line Graphic LCD	4 Text Line Graphic LCD
Touch Screen	N/A	Support	Support	N/A	N/A	N/A
Speed-Dial Keys	25 Key with Presence LED	Touch Screen based 25 Keys	Touch Screen based 25 Keys	16 Key with Presence LED	12 Key with Presence LED	N/A
Voice Codec	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723
Signaling	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP
3-Party Conversation	Support	Support	Support	Support	Support	Support
LAN Port	2	2	2	2	2	2
PoE(Optional)	Support	Support	Support	Support	Support	Support
FXO(Optional)	Support	Support	Support	Support	Support	Support



IP Extend Key Pack for AddPac IP-PBX

IP Extend Key Pack Comparison Table

Model	AP-PT100	AP-PT50	AP-PT20
Service Features			
Key Type	7 inch LCD Touch Screen	Push Button with User Presence Indication LAMP	Push Button with User Presence Indication LAMP
Key Number	Default : 9(row) x 4(column) = 36	60 Key	40 Key
User Presence Indication	Support	LED on, LED off, LED Blink	LED on, LED off, LED Blink
Multiple Cascading	Support	Support	Support
Speaker	Support	Support	Support
LAN Port	2	2	2
PoE(Optional)	Support	Support	Support
Application	IP Phone or Video Phone Extend Key Pack	IP Phone or Video Phone Extend Key Pack	IP Phone or Video Phone Extend Key Pack

IP Wifi Phone

AP-WP100 IP Wifi Phone

- Wi-Fi IP Phone Solution
- Various Call Scenario Support (IP-PBX)
- State-of-art SIP Signaling
- IEEE802.11b/g up to 54Mbps
- WPA(Wifi Protected Access), 802.11i Security Standard
- Wi-Fi IP Audio Broadcasting Terminal Solution
- External Audio In/Out Port for Headset
- Firmware Upgradeable Architecture
- VoIP Solution with Outstanding Network Service Capability
- Audio Privacy Protection



Smart Communicator

AP-SMP100 Soft Phone (Video/Voice)

- MS-Window based Soft-Phone
- Smart Multimedia (Video/Voice) Soft-Phone
- IP Real-time Audio/Video Broadcasting Terminal Solution
- Built-In Smart Messenger Function
- Up to 30fps with VGA-Resolution(MPEG-4)
- Video Conference Call Support (AddPac External MCU Inter-working)
- Advanced Voice/Video Traffic QoS
- SIP, H.323* Signaling Support
- Support Various Call Signal via AddPac IP-PBX Inter-working



Smart Messenger

- MS-Window based Application
- Support Messenger Service
- Support Various Address Book
- Support User Presence Information
- Support User Search Feature
- Interoperation with Address Book and Smart Phone
- Support Smart Phone Control and Setup
 - Call Control and Forward Setup
- Support Unified Message Box
 - Voice Mail Box
 - Short Message Box



AP-VP300



AP-VP280



Smart Messenger

Smart Window(1/2)

Smart Window is simple web based personal information management program for IP-PBX, Call Manager, etc.

Service Features

- User Information
 - Personal information configuration
- Alarm
 - Alarm event configuration
- User Search
 - User search using search keyword
- Call Forwarding
 - Call forwarding configuration
- Speed Dial
 - Speed dial configuration
- Conference*
 - Configuration of audio, video multiparty conference

Smart Window (2/2)

Main Layout of Smart Window consists of Menu, Contents, Help Message, etc.

The screenshot shows a web browser window titled "Web Portal - Windows Internet Explorer" displaying the "Smart Window" interface. The interface is divided into three main sections:

- Main Menu:** A sidebar on the left with two expandable sections: "Service" (containing Call Transfer, User Search, Speed Dial, and Alarm) and "Personal Information" (containing User Information).
- Main Layout:** The central content area titled "User Search". It features a search form with "Search Type" (set to "User ID") and "Search Word" (set to "0"). Below the form is a table of user information.
- Help Message:** A "Description" box on the right side of the search results, explaining that the search function finds user information registered in the system, which can be searched by ID, name, or phone number.

[User Name]	[User ID]	[E-mail]	[Phone Number]
대연석	1001	yslee@addpac.com	1001
권기현	1000	kkwon@addpac.com	123456789
서연호	1003	shseo@addpac.com	1003
홍길동	4000	dghond@addpac.com	4000
김민규	1002	kkim@addpac.com	1002
김희구	1005	ghjang@addpac.com	1005
오현석	1004	ohs@addpac.com	1004
김진영	1007	pkwon@addpac.com	
김성태	1006	smkim@addpac.com	1006
전혁성	1009	bdseong@addpac.com	

Main Menu

Main Layout

Help Message



Thank you!

AddPac Technology Co., Ltd.
Sales and Marketing

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FAX +82.2.568.3847 (KOREA)

E-mail : sales@addpac.com