

# IPNext IP-PBX Solution



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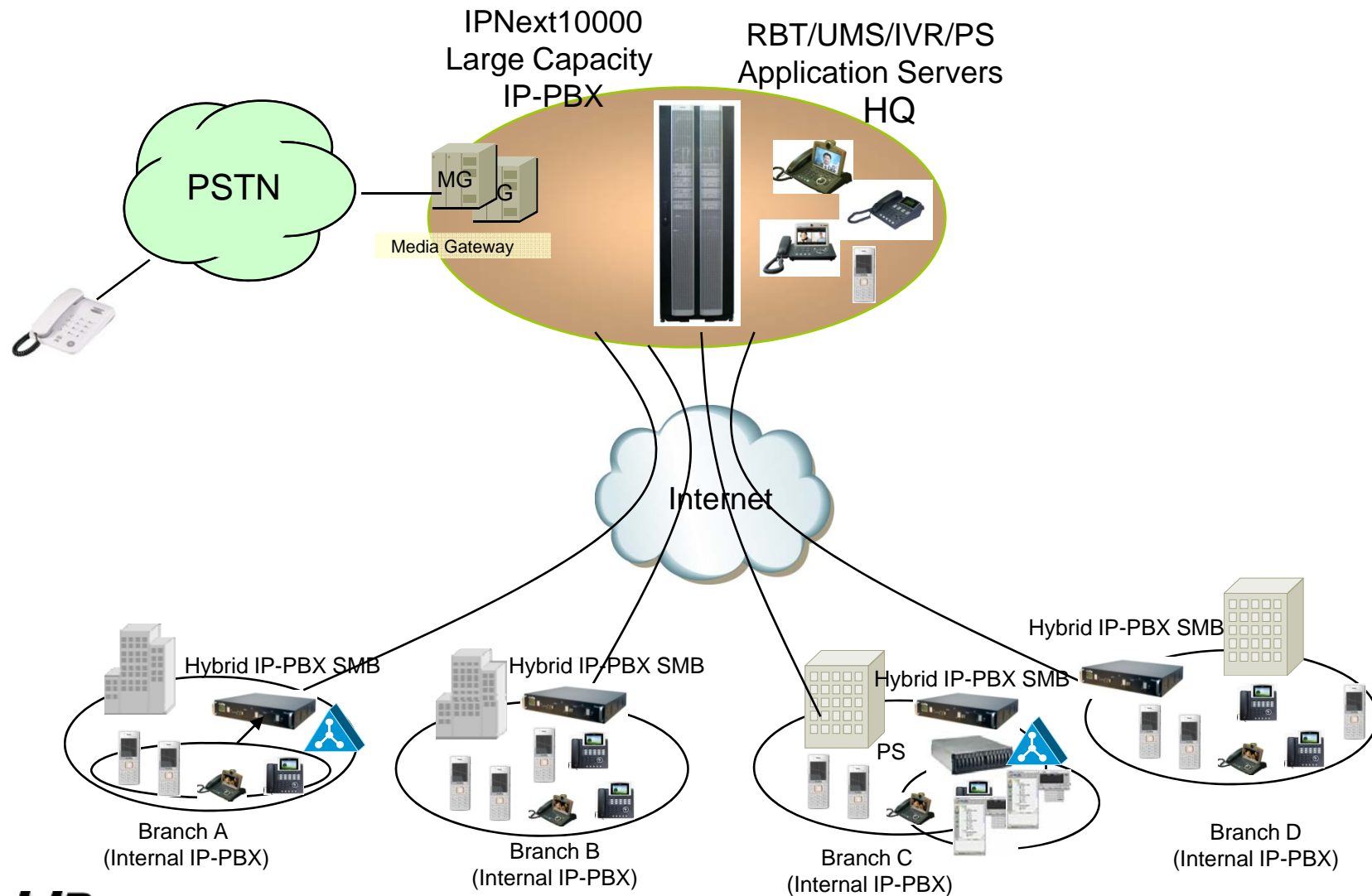
Sales and Marketing

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# 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

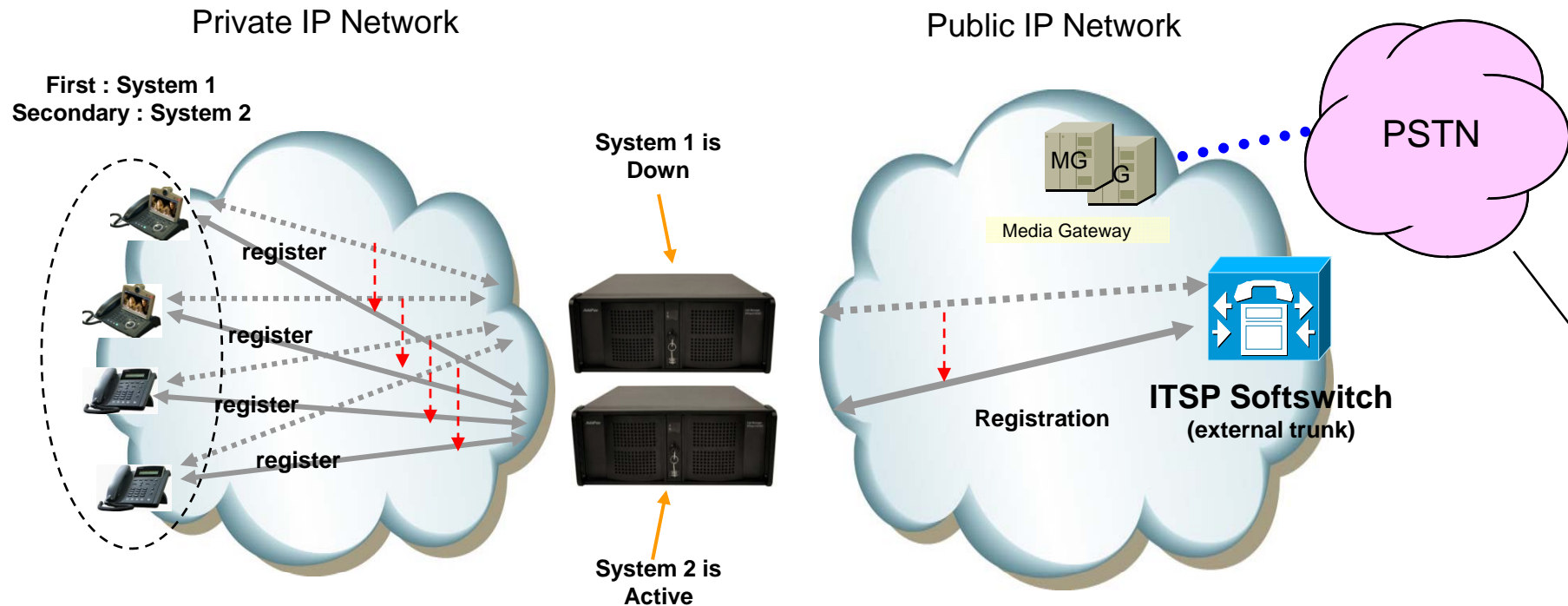
## IPNext10000 Large Capacity IP-PBX

- 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



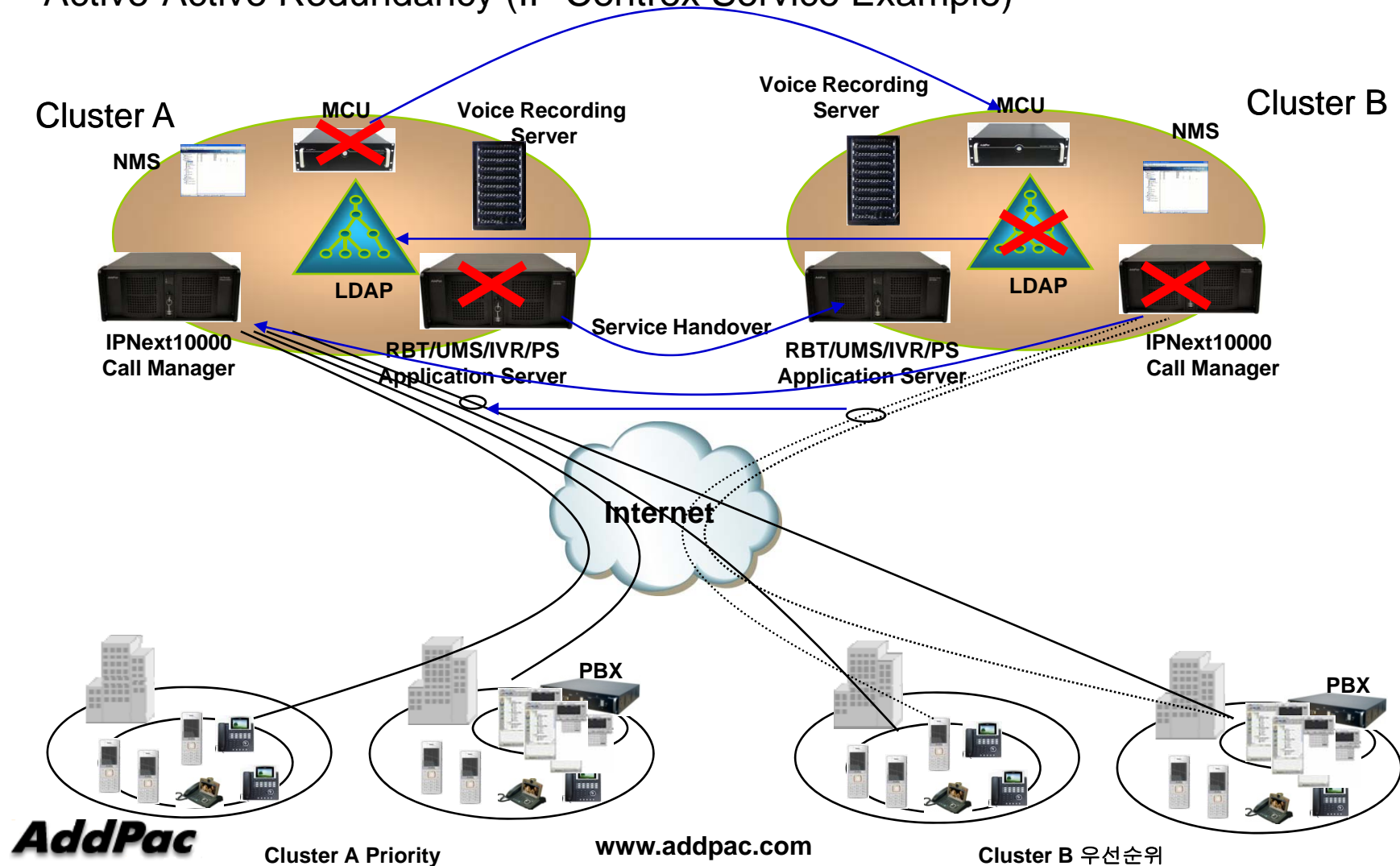
Active – Standby Duplication Scheme (example)



# System Redundancy Features

## IPNext10000 Large Capacity IP-PBX

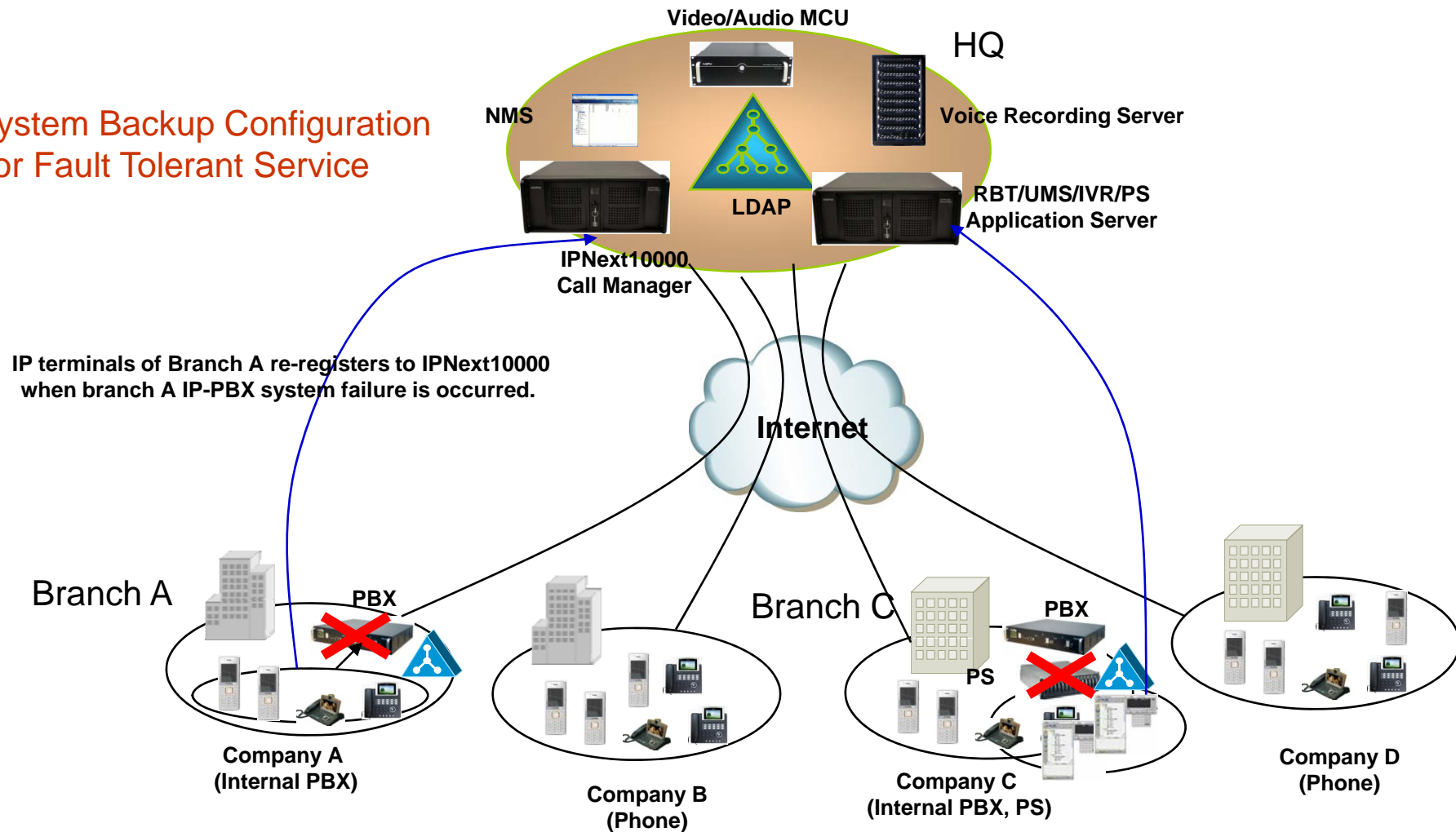
- Active-Active Redundancy (IP Centrex Service Example)




# 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

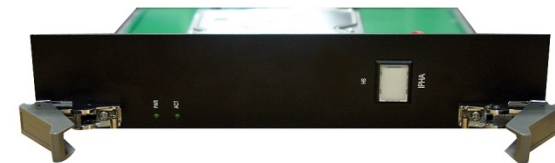
- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Large Office
- System Duplication Support (Dual System Board, Dual Power Supply)
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and 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

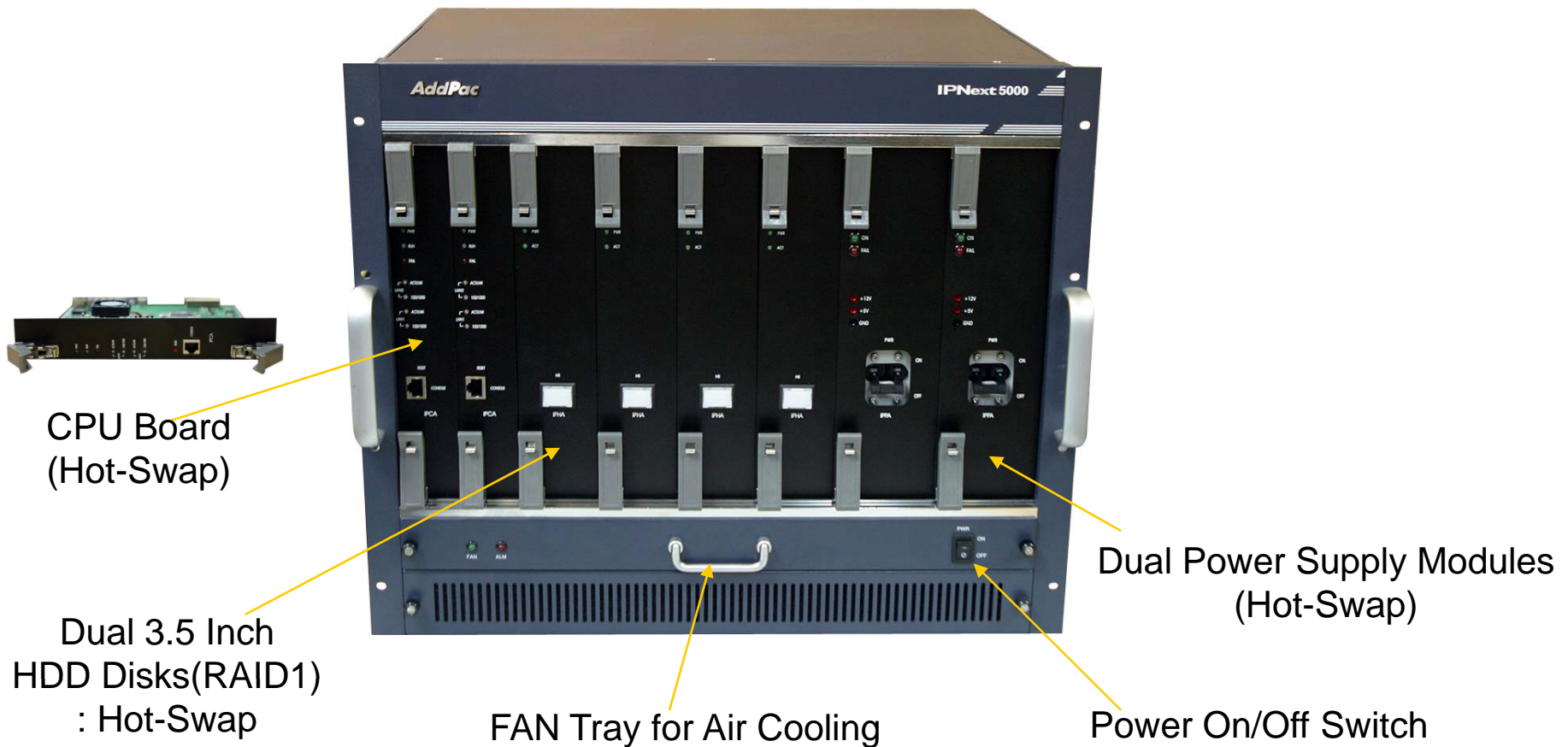


# Hardware Specification

IPNext5000 Next Generation IP-PBX

RISC  
CPU

## IPNext5000 Front Side



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# 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

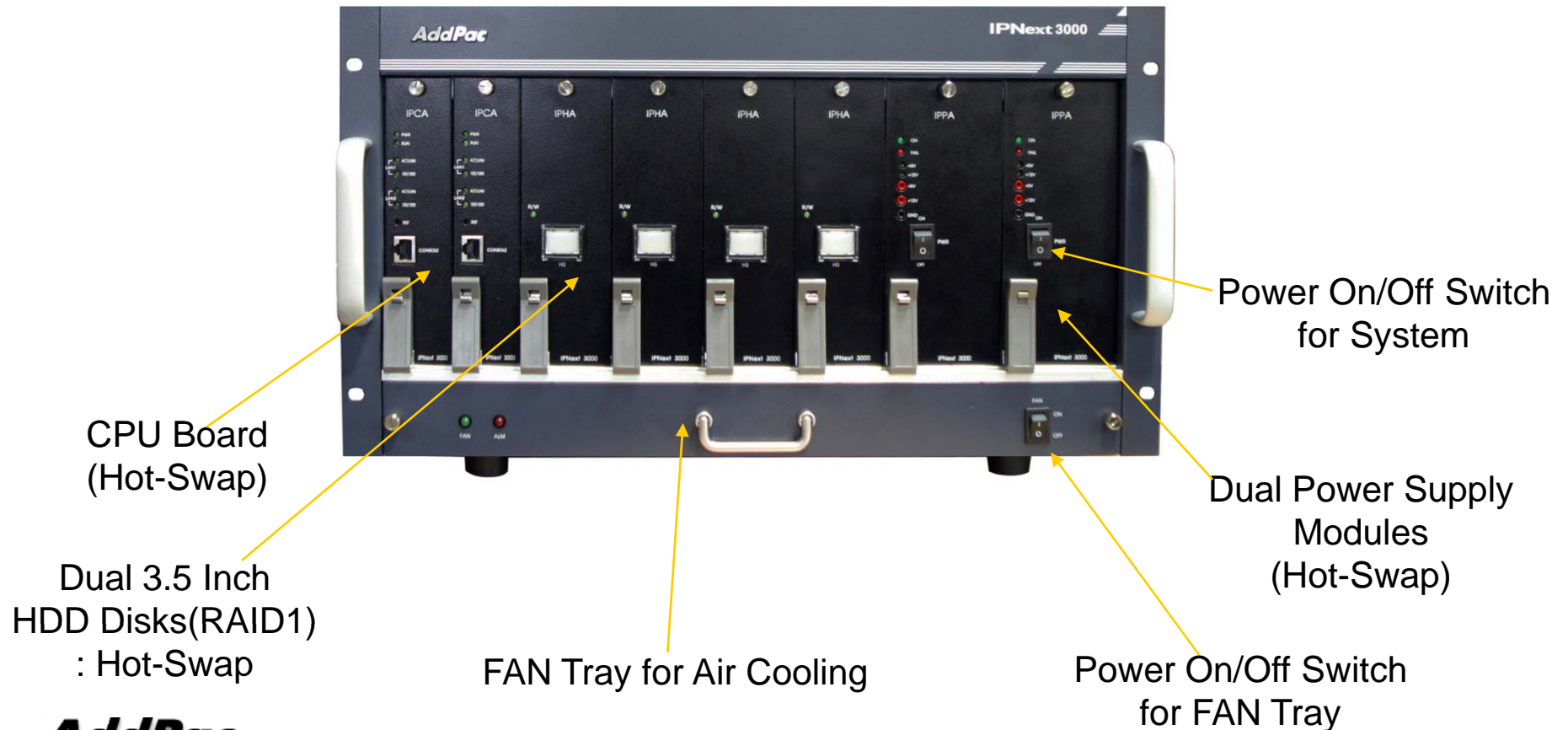
- 64bit High-End Microprocessor Computing Power
- Main Chassis
  - Dual Redundancy CPU Boards for System Fault Tolerant
    - Two(2) 10/100/1000Mbps Gigabit Ethernet
    - One(1) RS-232C Console (RJ45)
    - Two(2) 3.5 Inch Hard Disk Interface Slot (RAID 1)
  - Dual Redundancy Power Supply Module
  -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

# Hardware Specification

## IPNext3000 Next Generation IP-PBX

RISC  
CPU

### IPNext3000 Front Side



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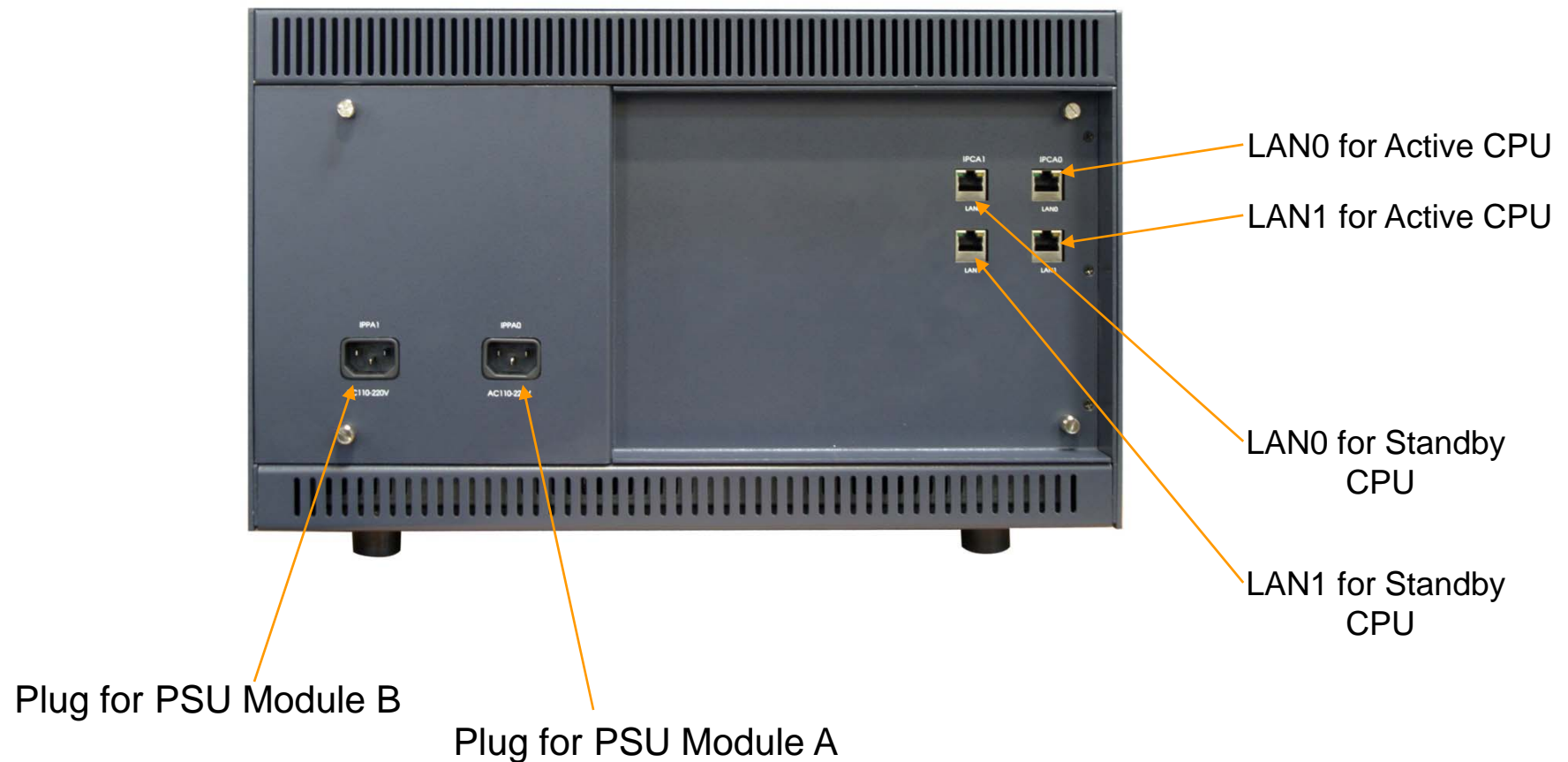
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# Hardware Specification

IPNext3000 Next Generation IP-PBX

RISC  
CPU

## 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

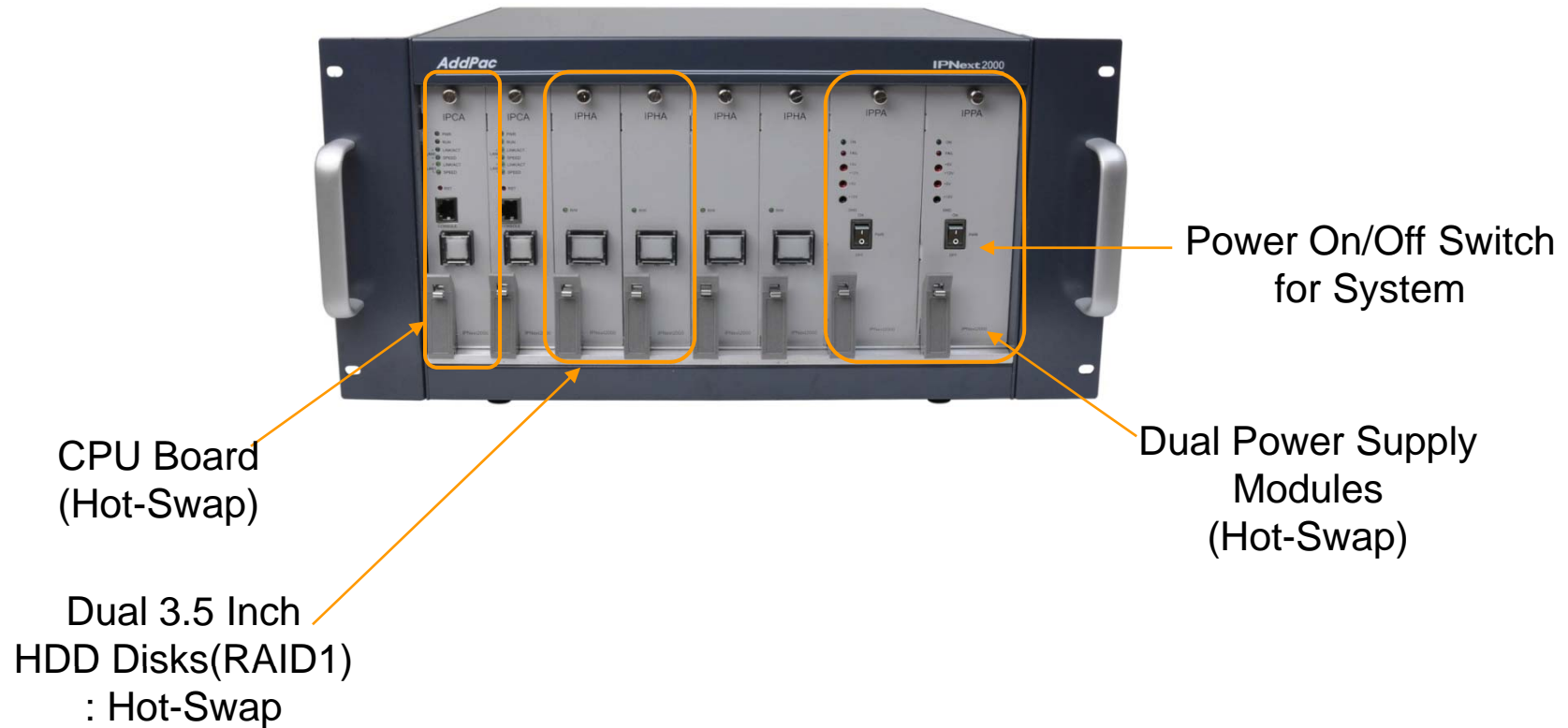
- 64bit High-End Microprocessor Computing Power
- Main Chassis
  - Dual Redundancy CPU Boards for System Fault Tolerant
    - Two(2) 10/100/1000Mbps Gigabit Ethernet
    - One(1) RS-232C Console (RJ45)
    - Two(2) 3.5 Inch Hard Disk Interface Slot (RAID 1)
  - Dual Redundancy Power Supply Module
  -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

# Hardware Specification

## IPNext2000 Next Generation IP-PBX

RISC  
CPU

### IPNext2000 Front Side



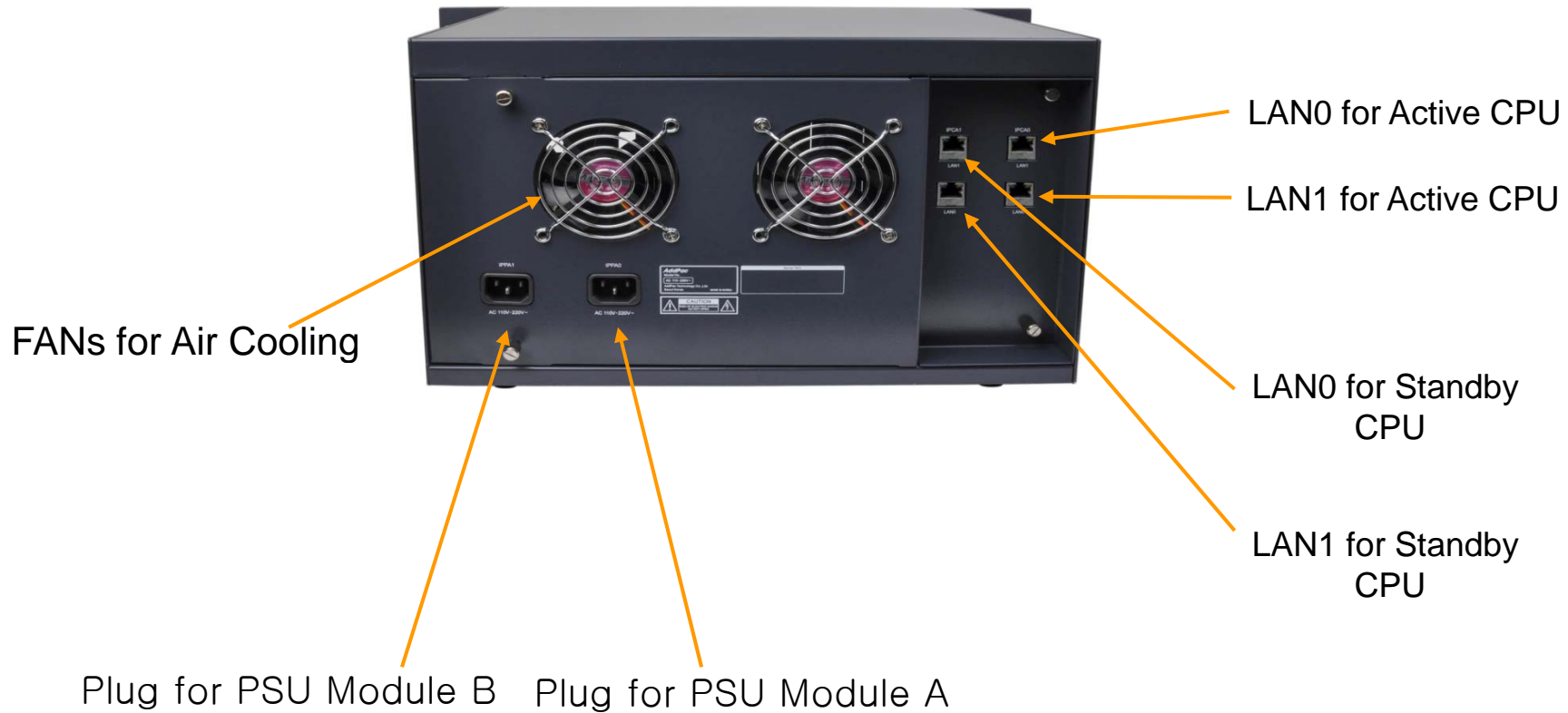


# Hardware Specification

IPNext2000 Next Generation IP-PBX

RISC  
CPU

## 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

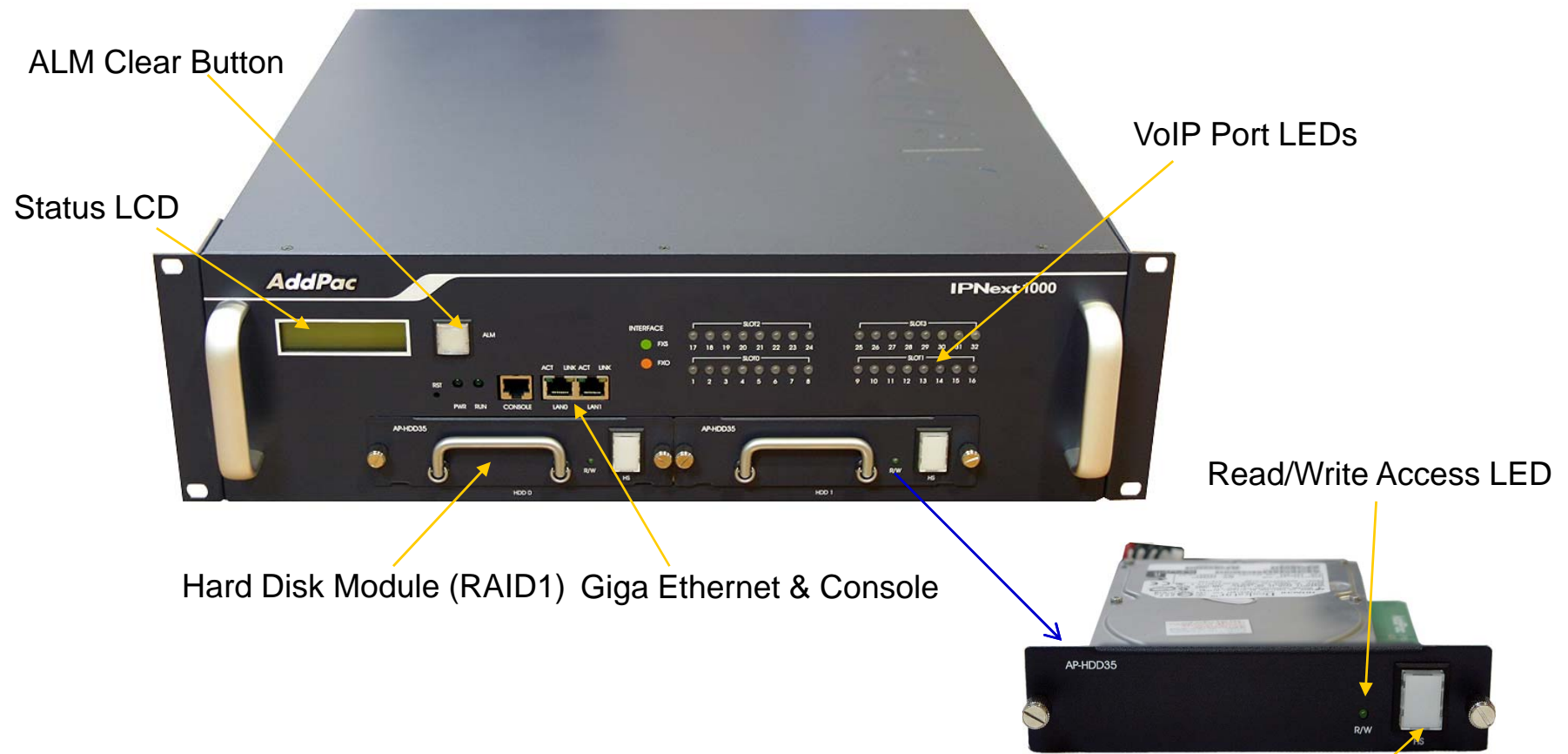
- 64bit RISC Microprocessor Computing Power
- Main Chassis
  - Fixed Network Interface
    - Two(2) 10/100/1000Mbps Giga Ethernet
    - One(1) RS-232C Console (RJ45)
  - Status Indication LCD
  - Two(2) Hard Disk Interface Slot for RAID1 Configuration
  - Four(4) VoIP Module Slots for FXS, FXO, E&M,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

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# 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

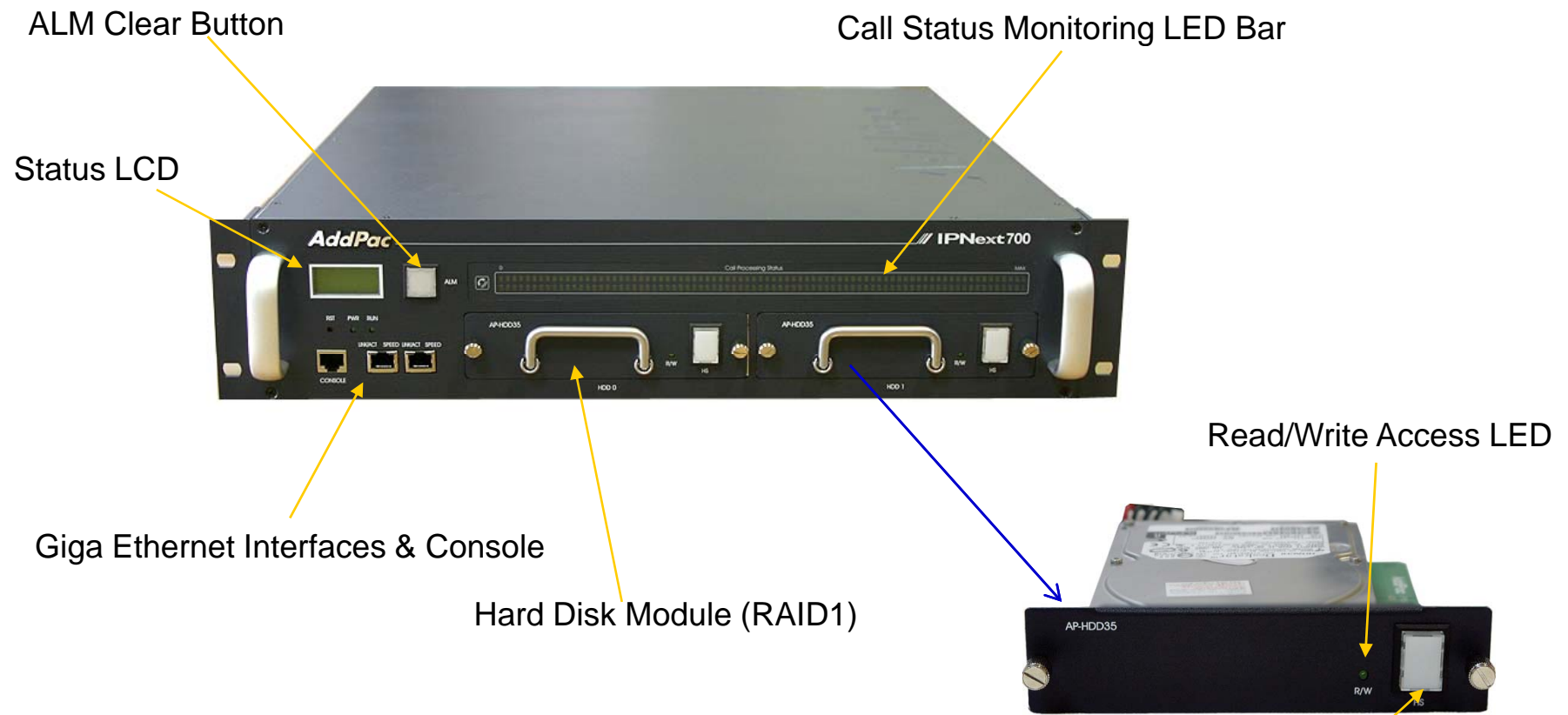


# Hardware Specification

IPNext700 Next Generation IP-PBX

RISC  
CPU

## IPNext700 Front Side



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Hot-Swap Switch & LAMP Indication 34

# Hardware Specification

IPNext700 Next Generation IP-PBX

RISC  
CPU

## IPNext700 Back Side



Power Supply Module



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# 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

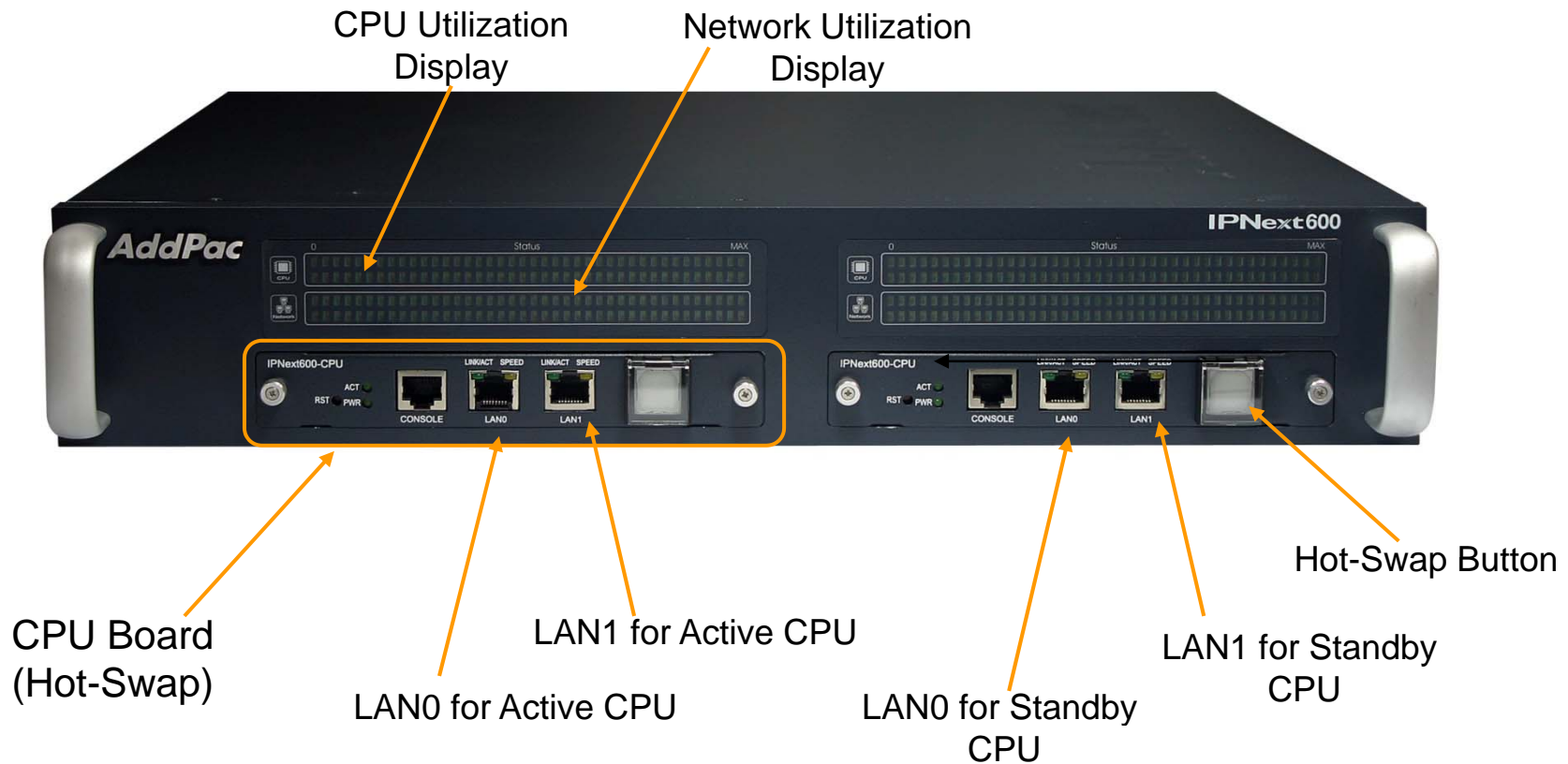


# Hardware Specification

IPNext600 Next Generation IP-PBX

RISC  
CPU

## IPNext600 Front Side

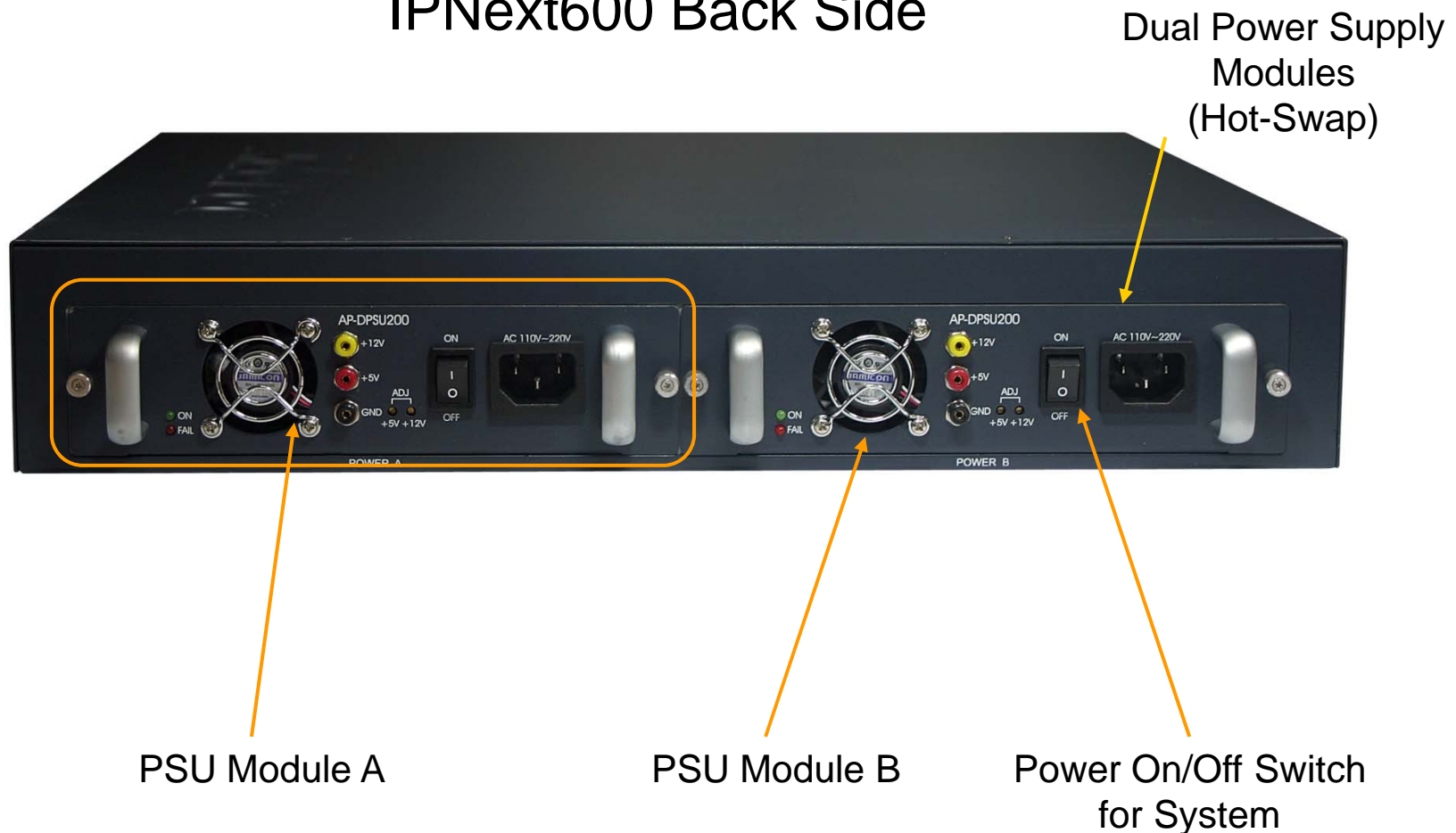


# Hardware Specification

IPNext600 Next Generation IP-PBX

RISC  
CPU

## IPNext600 Back Side







# 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

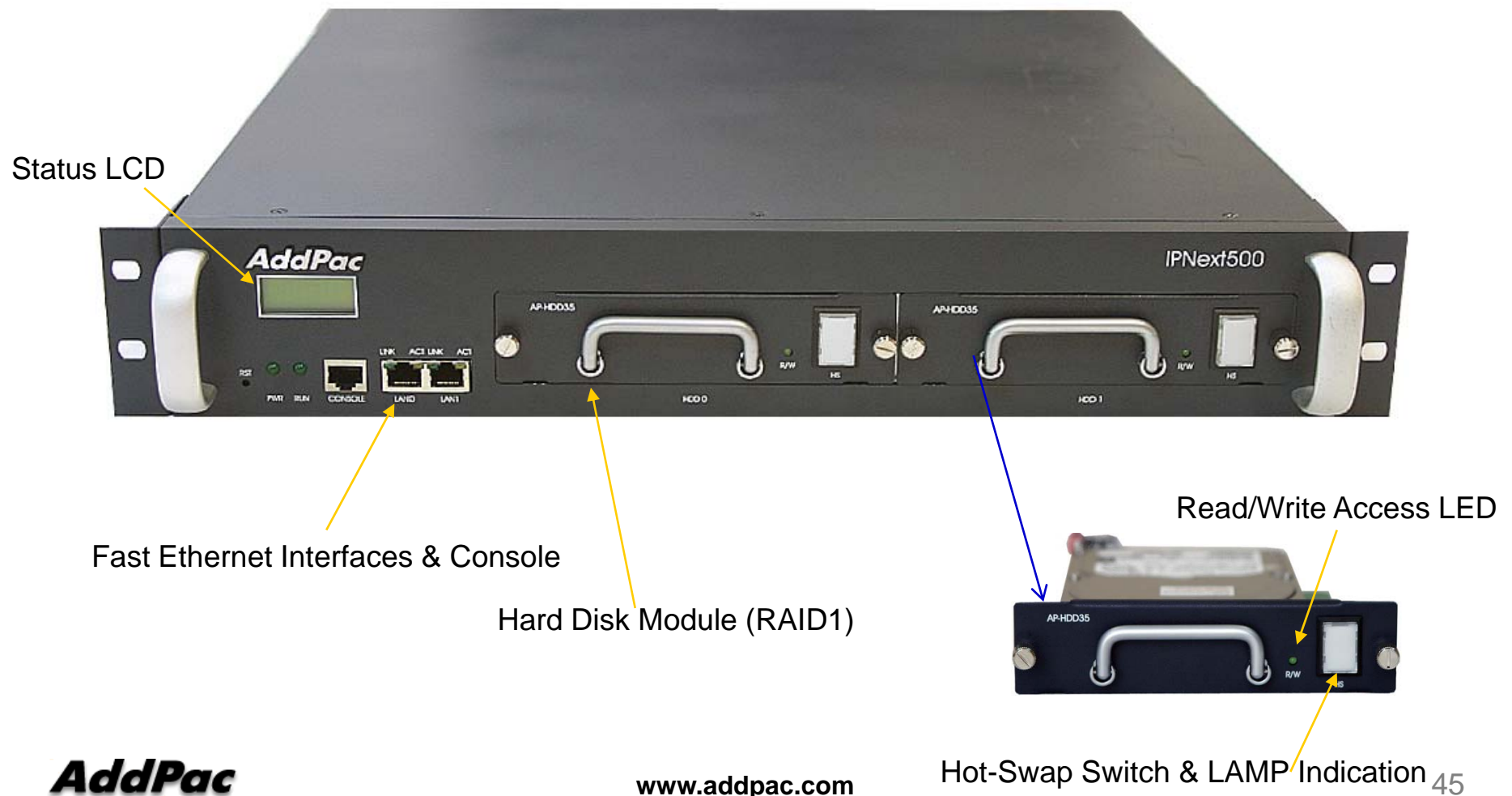
<b>AP-FXS4</b>		4-Port FXS Voice Processing Module (4 x RJ11)
<b>AP-FXO4</b>		4-Port FXO Voice Processing Module (4 x RJ11)
<b>AP-E&amp;M4</b>		4-Port E&M Voice Processing Module (4 x RJ11)
<b>AP-FXO2S2</b>		2-Port FXO & 2-Port FXS Voice Processing Module (4 x RJ11)
<b>APVI-1E1</b>		1-Port PBX Digital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

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# 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



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# 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

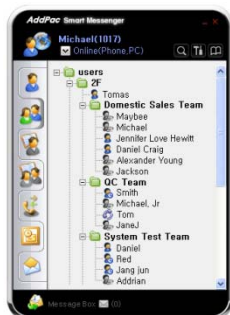
- Wi-Fi IP Phone Solution
- Various Call Scenario Support (IP-PBX)
- State-of-art SIP Signaling
- IEEE802.11b/g up to 54Mbps
- WPA(Wifi Protected Access), 802.11i Security Standard
- Wi-Fi IP Audio Broadcasting Terminal Solution
- External Audio In/Out Port for Headset
- Firmware Upgradeable Architecture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

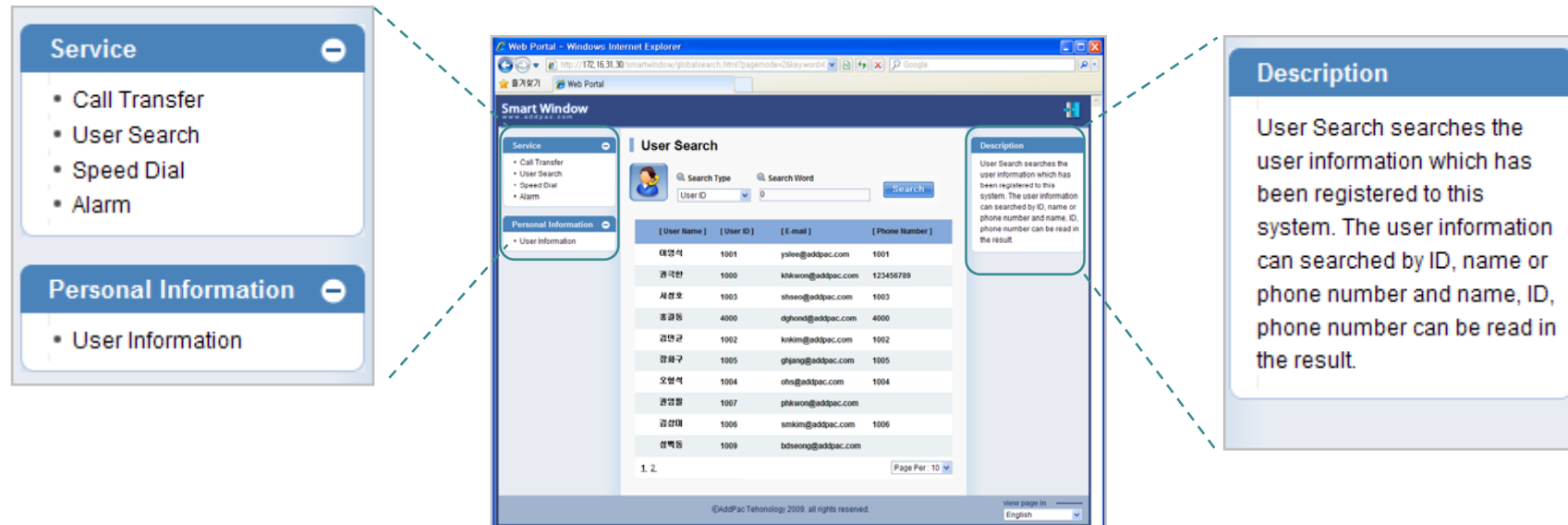
Smart Window is simple web based personal information management program for IP-PBX, Call Manager, etc.

## 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.



Main Menu

Main Layout

Help Message



# Thank you!

**AddPac Technology Co., Ltd.**  
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