

ZKR Air Plus

Application Server

Application Server

This system is integrated with hospital PBX, nurse call panels, room control units and pager alarm system. It allows controlled access to patients' information from nurse call room control by providing hospital management system or by integration with the used system and database.

All nurse call panel send the notifications to this system for storing all events and provide a customized report as needed. By integration with hospital PBX, this system receives code blue call from any phone in hospital and announces it to pager system and nurse call system.



ZKVOX convert phone calls between legacy circuit-switched technologies and modern packet-switched technologies (VoIP). You can use gateways to connect legacy phone lines with ZKVOX system, or to connect legacy phone systems with VoIP services and features. ZKVOX can make calls using whatever method makes the most sense for your business. VOIP, traditional analog lines, video calling, the IP phones of your choice it's all up to you.

- This system is Linux OS.
- Recording server for Voice order.
- WI-FI, DECT, IP phone integration.
- Connected with hospital PBX using analogue, IP, BRI or PRI.
- Warnings can be sent to DECT phones, pagers, mobile phones or phone lines.
- Emergency Code server (code blue, code pink, code white, service code) can be started or via room control units or from any place using the hospital's phones.
- All transactions are recorded and can be reported as needed.
- Connection types: SIP, H323, ISDN BRI, ISDN PRI and Analog.
- Protocol: TCP/IP and ZKRUS Protocol
- Paging protocol: POCSAG, Sipinfo and ESPA.

Examples for Situation Codes

- Code Blue
- Code Pink
- Code White
- Consultation
- Staff or Service Code (Can be edited)

ZKR Air Plus

Application Server

Technical specification

SR1010

Form factor	1U rack server
Dimensions and weight	H: 42.8 mm (1.67 in), W: 434.0 mm (17.09 in), D: 495 mm (19.5 in) w/o ear, w/o bezel Max weight: 10.6 kg (20.96 lb)
Processor	1 processor from the following product families: <ul style="list-style-type: none">• Intel® Xeon® processor E3-1200 v6 product family• Intel Pentium®• Intel Core™ i3• Intel Celeron®
Chipset	Intel C236
Operating system	Microsoft® Windows Server® 2016, Microsoft® Windows Server® 2012 Microsoft Windows Server 2012 R2, x64 Red Hat® Enterprise Linux® VMware® Vsphere® ESXi® SUSE® Linux Enterprise Server®
Memory	Architecture: Up to 2400MT/s DDR4 DIMMs Memory type: UDIMMs Memory module sockets: 4 Maximum RAM: Up to 64GB
Storage	<ul style="list-style-type: none">• 2.5" SATA 7.2k• 2.5" nearline SAS 7.2k• 2.5" 10k SAS HDDs• 2.5" 15K SAS HDDs• 2.5" SATA SSDs• 3.5" Enterprise SATA 7.2k HDDs• 3.5" nearline SAS 7.2k HDDs• 3.5" 7.2k SATA entry drives
Hypervisor support	Microsoft Windows Server with Hyper-V® VMware® vSphere® ESXi®
Drive bays	2 x 3.5" cabled HDD 4 x 3.5" cabled HDD 4 x 3.5" hot-swap or 2.5" hot-swap in hybrid drive carrier
Slots	2 x PCIe 3.0 slots: x16 slot, full-height (1x8 3.0)+ x8 slot, low-profile (1x4 3.0).
RAID controllers	PERC S130, PERC H330, PERC H730, PERC H830
Network controller	Broadcom® 5720
Communications	2 x 1GbE LOM Click here for R230 supported network interface cards (NICs) and host bus adapters (HBAs) and scroll to "Additional Network Cards" section.
Power	250W cabled PSU
Management	<ul style="list-style-type: none">• IPMI 2.0 compliant• Dell OpenManage Essentials• Dell OpenManage Mobile• Dell OpenManage Power Center• Plug-in for Oracle® Enterprise Manager• Dell OpenManage Integration Suite for Microsoft System Center, Dell OpenManage Integration for VMware vCenter®• HP Operations Manager• Dell OpenManage Integration Suite for Microsoft System Center, Dell OpenManage Integration for VMware vCenter®
Input connection	1 x USB 3.0 1x Headphone Out 1 x PS/2 Keyboard 1 x PS/2 Mouse 1 x RJ-45 Ethernet 1 x VGA (Display Out) 1 x Serial Port (RS232) 1 x Mic In 4 x USB 2.0
Device access	5 total USB: Rear: 2 x USB 3.0 ports Front: 2 x USB 2.0 ports Internal: 1 x USB 3.0 port
Rack support	ReadyRails™ static rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded and 2-post racks.