ZKR Comfort
Application Server

Application Server

The server controls the operation of the Comfort, Versatile Plus, Versatile, and Air Plus (optional) systems used in hospitals. The server provides log reporting through a web interface and enables integration with other systems used throughout the building. Our servers have a Linux-based robust and reliable infrastructure.

• Linux OS
• Voice Recording Module
• WiFi, DECT, IP phone integration
• Connected with hospital PBX using analogue, IP, BRI or PRI.
• Alerts can be sent to DECT phones, pagers, mobile phones or phone lines.
• Emergency Code status (code blue, code pink, code white, service code) can be initiated via room control units or from any place using the hospital's phones.
• All transactions are logged 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 (Custom)

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Technical specification
ZKRUNCIPSR10200

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: • Intel® Xeon® processor E3-1200 v6 product family • Intel Pentium® • Intel CoreTM 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	• 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 cab PSU
Management	• 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 3.01 1x Headphone Out 1 x PS/2 Keyboard1 x PS/2 Mouse1 x RJ-45 Ethernet1 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.