Application Server

ZKR

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 Operating System
• Fully redundant structure
• Troubleshooting and error notification of all system devices
• Voice Record Module (for Comfort and Versatile Plus systems)

Integrations*
• Integration with WiFi mobile phones
• Integration with DECT telephones
• Integration with pagers
• Integration with PBX and ability to start emergency codes
(such as 1111, 2222, 3333)
• IP, PRI, BRI, Analog Connection
• Integration with Fire Alarm Systems
(Modbus, Bacnet, Special TCP connection types)
• Integration with CCTV Systems
(Serial Port, Special TCP connection types)
• Integration with RFID Systems
(Web service, Special TCP connection types)
• Integration with Hospital Information System
• Integration with Lighting Automation

*Integrations each require a separate purchase of integration software license

Application Server M500
ZKRUNCIPSRM0500
Software supporting up to 500 rooms

Application Server M1000
ZKRUNCIPSR10200
Software supporting up to 1000 rooms

Both of these servers share the same technical specifications below, and differ only in software license.

Processor Support		1 x Socket P0 (LGA 1151)
		Intel® Xeon® E processors (up to 95W) Intel ® Core™ i3 processors Intel® Pentium™ processors Intel® Celeron™ processors
Core Logic		Intel® C242 PCH
Memory	Total Slots Capacity Memory Type	4 (2-channel per CPU) Maximum up to 128GB DDR4 2666/2400 ECC and non-ECC UDIMM *Refer to ASUS server AVL for the latest update
	Memory Size	32GB, 16GB, 8GB, 4GB (UDIMM) *Refer to ASUS server AVL for the latest update
Expansion Slots	Total PCI/PCI-X/PCI-E/PIKE Slots Slot Type	Linux 64 bit Linux OS Debian base 1 x PCI-E x16 (Gen3 x16 link)
Disk Controller	SATA Controller	Intel® C242 - 6 x SATA 6Gb/s ports - 2 x M.2 connector(NGFF 2242, PCI-E Gen3 x2 link or SATA signal, gray SATA port will disable when M.2 is SATA signal) Intel® RSTe (Support software RAID 0, 1, 10 & 5)
	SAS Controller	Optional kits: ASUS PIKE II 3008 8-port SAS HBA card ASUS PIKE II 3108 8-port SAS HW RAID card 12G SAS Support
Storage Bays	I = internal A or S will be hot-swappable	2 x 3.5" Internal HDD Bays (Optional 1 x 3.5" HDD + 2 x 2.5" SSD) 2 x M.2 (NGFF 22110/2280/2260/2242)
Networking	LAN	1 x Quad Port Intel I210 Gigabit LAN Controller, 1 x Management Port
Graphic	VGA	Aspeed AST2500 64MB
Switch/LED		Rear Switch/LED: 1 x Q-Code/Port 80 LED 1 x Power switch Front Switch/LED: 1 x Power switch/LED 1 x Location switch/LED 1 x Reset switch 1 x HDD Access LED 1 x Message LED LAN 1-4 LED
Management Solution	Software Out of Band Remote Management	ASUS Control Center (Classic) Optional ASMB9-iKVM for KVM-over-IP
Dimension		380mm x 430mm x 44mm 14.96" x 16.93" x 1.73"
Power Supply	(following different configuration by region)	Single 250W 80 PLUS Bronze Power Supply Rating: 100-240Vac,4A ,50-60Hz, Class I Single 350W 80 PLUS Gold Power Supply Rating: 100-240Vac,6A-3A ,50-60Hz, Class I
Environment		Operation temperature: 10~ 35 Non operation temperature: -40~ 70 Non operation humidity: 20% ~ 90% (Non condensing)