



Intelligent Application Rack Mount Server



Ribbon Communications delivers industry-leading, software-centric IP Unified Communications services platforms for switching, networking and multimedia applications. The company's state-of-the-art software and IP technology improves telecom networks by making them more scalable, secure, profitable and efficient. Ribbon's market-leading technology supports multimedia voice, data and video sessions and fixed mobile unified communications applications that scale on public and private networks. As the communications industry continues to move toward more software-centric technology, service providers and enterprises are increasingly benefiting from Moore's Law advances in processing power and speed by utilizing standards-based platforms, including commercial-off-the-shelf (COTS) hardware. Ribbon's Intelligent Application Rack Mount Server (IA-RMS) leverages the most advanced Rack Mount Server RMS technologies based on latest processor generation from Intel. The Carrier-Grade server combines performance, ruggedness, reliability, and durability in a NEBS-3 and ETSI-compliant 2U chassis.

Multiple Applications

IA-RMS supports an array of value-added virtualized solutions including Voice over Long Term Evolution (VoLTE), Rich Communications Suite (RCS) services, Unified Communications (UC) for business and consumers, carrier IP interconnect, element and network management and much more.

Key Benefits

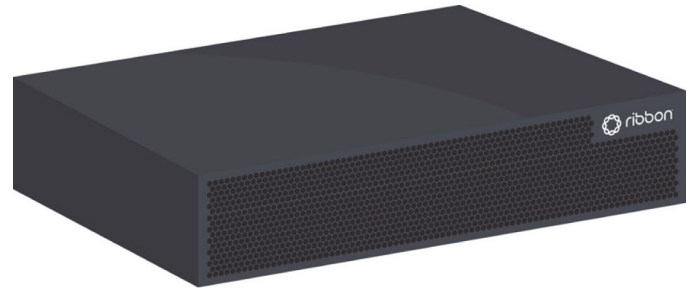
IA-RMS allows customers to:

- accelerate application time to market
- boost quality of service through industry-leading performance and robustness
- reduce opex through simplified operations
- protect investment: as the customer networks evolve, so does the application mix running on IA-RMS.

IA-RMS Hardware Characteristics

High performance Sandy Bridge NEBS-3 compliant RMS:

- 19" rack mount, 20" depth
 - Dual Intel Sandy Bridge, 8 core 2.1GHz processors
16 physical/32 virtual (hyper-threaded) cores
 - 4 x RJ45 on-board 10/100/1000 Ethernet/Quad port RJ45 10/100/1000 NIC card
 - Up to 64GB (8x8GB DDR3 DIMM) @ 1600MHz
 - 6 hot-swappable disks (300GB to 900GB)
 - USB and SD Memory Cards
 - Redundant AC or Redundant DC Power
- The IA-RMS server has been designed to withstand extreme heat, humidity, altitude and zone 4 earthquake shock, as well as many other extreme environmental conditions



- 4 x RJ45 on-board 10/100/1000 Ethernet/Quad port RJ45 10/100/1000 NIC card
- Up to 64GB (8x8GB DDR3 DIMM) @ 1600MHz
- 6 hot-swappable disks (300GB to 900GB)
- USB and SD Memory Cards
- Redundant AC or Redundant DC Power

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Environmental (if shipped alone)

Temperature:

- 5° C to 40° C (41° F to 104° F) Operating
- -40° C to 70° C (-40° F to 158° F) non Operating

Humidity:

- 95%, non-condensing at temperatures of 23° C (73° F) to 40° C (104° F) non Operating

Operating Altitude:

- 0 to 1,800 m (0 to 5,905 ft) @ 40° C
- 0 to 4,000 m (0 to 13,123 ft) @ 30° C

Acoustics: Sound power:

- 7B max at ambient temperatures < 23 +/-2°C

RoHS:

- Complies with RoHS Directive 2002/95/EC

Safety Compliance:

- USA/Canada: UL 60950-1, 2nd Edition/CSA 22.2 No. 60950-1 2nd Edition
- Europe: Nemko/GS EN 60950-1, 2nd Edition; Low Voltage Directive, 2006/95/EC
- International: CB Certificate and Report to IEC60950-1, 2nd Edition and all international deviations

Electromagnetic Compatibility:

- Australia/New Zealand: EN55022, Class A Limit
- Canada: IC ICES-003 Class A Limit
- Europe:
 - EMC Directive, 2004/108/EC;
 - EN55022, Class A Limit, Radiated & Conducted Emissions;
 - EN55024 Immunity Characteristics for ITE;
 - EN61000-4-2 ESD Immunity;
 - EN61000-4-3 Radiated Immunity;
 - EN61000-4-4 Electrical Fast Transient;
 - EN61000-4-5 Surge;
 - EN61000-4-6 Conducted RF;
 - EN61000-4-8 Power Frequency Magnetic Fields;
 - EN61000-4-11 Voltage Fluctuations and Short Interrupts;
 - EN61000-3-2 Harmonic Currents;
 - EN61000-3-3 Voltage Flicker
- International: CISPR 22, Class A Limit, CISPR 24 Immunity
- Japan: VCCI Class A ITE (CISPR 22, Class A Limit)
- Korea: KCC Approval, Class A
- Russia: Gost Approval (EMC and safety)
- Taiwan: BSMI Approval, CNS 13438, Class A and CNS 14336 Safety
- USA: FCC 47 CFR Parts 15, Verified Class A Limit

Contact Us

We are here to help. Let us know if you are interested in a quote or if you have any questions.