Enterprise-Level Communications Server

ISS UCR Business 550 is a robust server that exploits all Unified Communications capabilities of Issabel. Deliver even more reliability to your operation with high availability and certified hardware.

Get the most out of your company with Issabel appliances bridging your existing networks with IP, and integrate SIP, H.323 or TDM (SS7/ISDN/CAS) with IVR, fax, conferencing, compression, echo cancellation and more.

8 ⬇ E1   **550** ☎👥   **1200** ☎

- Basic
- PRO

☎👥 – Concurrent Calls   ☎ – Extensions

ISS UCR **Business 550** *Basic|PRO* ™

⚙ Technical Specifications

INTERFACES
- **Analogic Ports (FXO - FXS): Up to 120***
- Digital Ports: Up to 8 E1/T1 / J1*.
- **Extensions (SIP - IAX): Up to 1200****
- Concurrent calls: Up to 550**
- **Expansion PCI Slot: 5 ; 1 PCI, 4 PCIe**
- USB Ports: 4
- **Network: 2 Gigabit Ethernet**

HARDWARE
- **Processor: 2.2 GHz Quad Core (2nd Optional).**
- RAM: 8 GB
- **Hard Drive: 2x 500 GB - 3.5'' (SW RAID 1)**

- RAID Control Card: Optional
- **Redundant Power Supply**
- Frontal LED Display

OPERATION FEATURES
- **Nominal Power: 500 W HS PSU**
- Operation Voltage: 120/240v Auto switching

- **Operative System: Issabel 4, 64 bits.**

* Not included, additional telephony cards are required.

** Recomendation based on a basic operational scenario.

DIMENSIONS
Physical Size
Height: 89 mm (3.50").
Width: 437 mm (17.20").
Depth: 485 mm (19.09").
Weight: 9 kg. (19.84 lb)

Environment
Well ventilated *Suggested temperature: 0–40°
Relative humidity: 10%–85%
* Keep clean, get away from dust
* To prevent static: Ensure proper grounding
* Standard 19" chassis recommended

📄 Key Features & Benefits

- **Integrate convergence & CTI solutions**
  ISS UCR enables all business modules together, including email, SMS, fax, conferencing, and video.
- **Rugged, Telco-grade architecture**
  Embraces all of major PBX specifications: TDM, IP or Asterisk modules support hot swappable.
- **Flexible configuration for any network**
  Compliant with diverse (TDM, IP, Asterisk) modules to interface with TDM (FXO, FXS, T1, E1, J1) or IP network, high-impedance logging modules. Support various multimedia processing capability (conferencing, fax, video, compression and echo cancellation for voice enhancement) and several protocols (SS7, ISDN PRI, CAS, R1, R2, Mobility).

- **Adjustable capacity for customized needs**
  ISS UCR platform enables 8 E1/T1/J1 ports, 2~120 FXO/FXS channels; all digital T1/E1/J1 lines could be converted to analog channels.
- **Carrier-grade reliability**
  Special power system with standby redundancy; advanced cooling system to reassure long-standing robustness. Special air cleaner to protect against dust accumulation inside chassis. Inside temperature control and alert system; no need to change wiring when changing functional modules as backplane's wiring outlet is separate from backplane's slots.
- **Processing capability powered by Intel**
  Adopt Intel(R) X64 embedded platform as host control unit (main board) to execute high-capacity, high-complexity applications.

- **Perfect and robust engineering design**
  The motherboard has optional 4.3 inches WVGA(800*480) LCD. ISS UCR series 2U chassis could be mounted on workstation, rack, or wall; Support diverse interfaces (port) on the rear panel , including RJ11, RJ48T, RJ45, RJ45 (POE), DB25, USB, etc.
- **Compliant with your applications and Asterisk**
  The ISS series are compliant with any Issabel Open Source software.

Issabel LLC.