NuStreams-700 OVERVIEW

As ideal testbeds for researching and developing network product or quality control in mass-production scale, Xtramus NuStreams-700 chassis provide a flexible, reliable, and high-precision solution in network communication device testing.

NuStreams-700 provides various interfaces, such as 40/10G Ethernet, Gigabit Ethernet, 100/10 Mbps Ethernet for different testing requirements. Also, all slots of NuStreams-700 support hot-swapping. Therefore, swapping or changing test modules can be done easily without powering off NuStreams-700.

To provide a safe and reliable testing environment, both NuStreams-700 have sensors embedded inside. Vital system information such as system temperature, rotation speed of the fans and system voltage can be picked up by these embedded sensors. This information can be read and interpreted by the web service running on management card, and the management card will alarm users when system failures occur.

With cards of different types installed, NuStreams-700 chassis can perform multiple, different tests simultaneously to ensure the test precision. As the result, the time consumed for all DUTs' multi-task testing will be shortened dramatically.
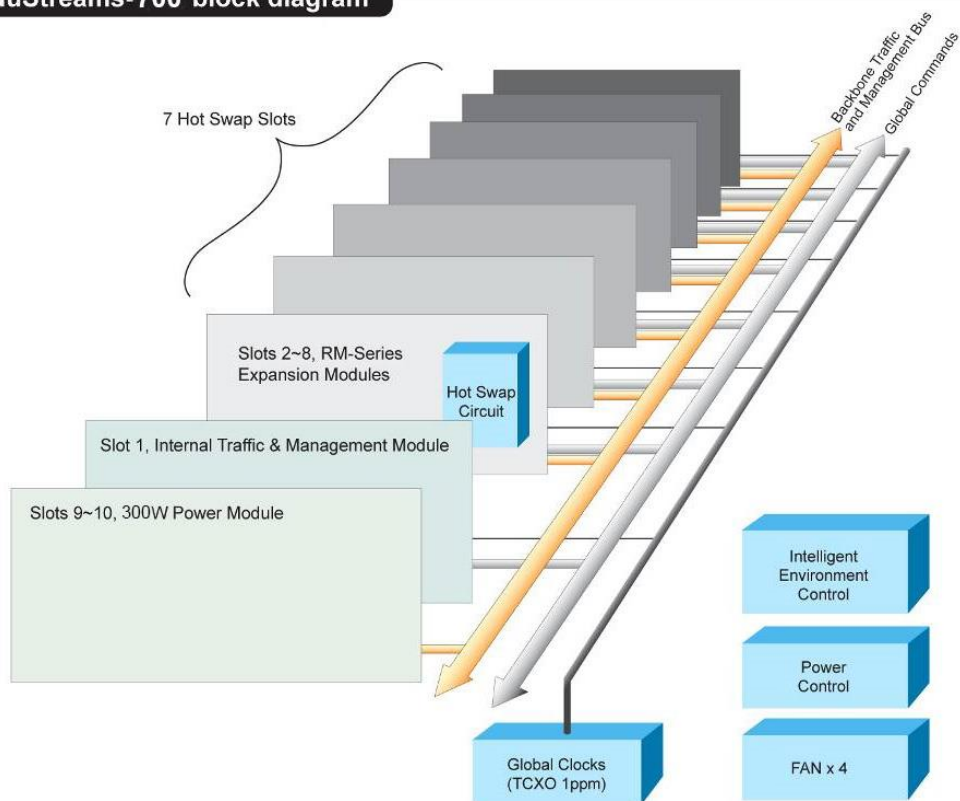

KEY FEATURES

➢ Intuitive utility software for monitoring system temperature and the fan speed
➢ All slots support hot-swapping
➢ Performing synchronized tests between cards
➢ Supporting multi-user mode, namely multiuser using the chassis and cards installed simultaneously
➢ Utility softwares provided by Xtramus Technologies which can analyze the test results and DUT performance with intuitive GUI interface.
➢ Cards supporting different Ethernet transferring rate, from 10M to 40G
➢ Simple and easy-to-understand system status LEDs
➢ Replaceable fan tray
➢ Utility softwares that complied with RFC-2544 and RFC-2889.

MAIN APPLICATIONS

- Performance validation and analysis of DUT in mass production line

- Troubleshooting of DUT in the lab

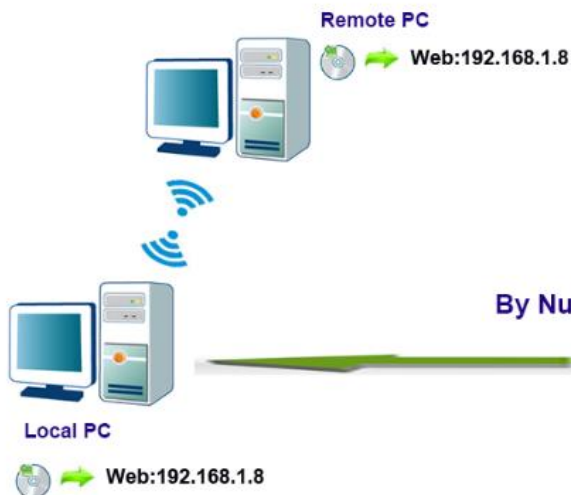- Production testing and quality assurance during manufacturing process of network products

MAIN ADVANTAGES

NuStreams-700 has an innovative design in its architecture, which is coupled with the new generation of management card XM-3S3GS. XM-3S3GS is embedded with the NuServer. In addition, it supports remote control and web management with a speed up to 1000Mbps. The newly added key features of Nustreams-700 grant it enhanced performances.

- With server software (NuServer) integrated in the chassis, no need of running the software on PC
- Optimized server software(NuServer) version, more reliable and faster especially for multi-user mode
- Intuitive web management interface, allowing the user to control, monitor and upgrade the system in cross-platform
- Support remote control only by directly choosing the IP address of the chassis IP on AP. No need of independently running NuServer on the PC directly connecting to the chassis
- Plastic handle mounted on the top of the device, convenient for mobility
- Supporting new generation cards of Lord Series, with faster speed and enhanced functions

SPECIFICATION

NuStreams-700	
Slot	7 slots for installing test modules
Dimension	22.5 cm (W) * 19.3 cm (D) * 18.6 cm (H)
Net Weight	Approx. 3.7kg
Power Jack	Male IEC 320 Receptacle
Input Power	AC 90V ~ 240V, 50Hz ~ 60Hz
Maximum Power Output	300 Watt
Temperature	• Operating: -10°C~ 50°C (14°F~ 122°F) • Storage: -10°C~ 50°C (14°F~ 122°F)
Humidity	• Operating: 0% ~ 85% RH • Storage: 0% ~ 85% RH
Supported Cards	XM-2WL1 and all XM-RM series
XM-3S3GS	Ports: • Mgm Port: 10/100/1000M Mbps RJ45 x 1 for management and testing • Console Port: RJ45 console port of 38400 baud rate for debugging • USB Port: reserved LEDs: • L/A: display the link status between PC and NuStreams-700 • LED displays the status of the USB Port • LED displays the status of the usage of web • LEDs display the user mode of the chassis, one user or multi-user
Built-in Sensors	Detecting system temperatures, rotation speed of fans, and system voltage

Note*
1. XM-3S3GS is shipped with NuStreams-700.
2. NuStreams-700 doesn't support chassis cascading.

CONTACT INFORMATION

Website: http://www.xtramus.com
E-mail: Sales@xtramus.com
          TS@xtramus.com
TEL: +886-2-8227-6611
FAX: +886-2-8227-6622