BigTao6200

BigTao6200 rack type machine frame is a new generation of R&D test machine frame with the global leading architecture. It adopts modular design, provides 6 slots, and supports any combination of test modules of various speeds from 10m to 100g. It is the rack frame with the highest port density in the industry under the same volume.

BigTao6200 frame has an efficient hardware architecture, unique fan/noise control and energy-saving technology, which can effectively reduce noise and power consumption while providing efficient operation, and save costs for enterprises. The BigTao6200 frame can not only run all the existing V2 series test modules, but also be compatible with all the previous V series test modules, and will also be compatible with the 200g/400g test modules developed in the future, providing the maximum protection for customers' assets.

With Xinertel new generation of test software Renix based on PCT architecture and V-series test modules, BigTao6200 can realize layer 2-3 traffic test and protocol simulation for network devices and network systems, provide comprehensive test solutions in terms of function, performance and security, and meet the test requirements in the process of R & D, experiment and quality control.

Key Features

- Support 100G, 40G, 10G and 10/100/1000Mbps
- High port density, space saving
- Support multiple management IP modification methods
- Support local software download based on Web browser
- Support network sharing and remote control to improve test efficiency
- Support Chinese and English software platform and test report
- Provide Renix API interface, support TCL and python automatic testing

Specification list

Slots	6
Size	446 mm × 413 mm× 132 mm
Weight	Empty chassis: about 12.5kg Full board card: about 20kg
Maximum power supply capacity of the system	600W
Switch / Display	• Rear AC power switch • Power, fan, temp, link, Sys LED indicator, OLED display • Reset button of main control of chassis • Chassis OLED control button
IO Interface	• 1 DB15 display interface • 1 RJ45 10/100/1000M management interface • 1 RJ45 10/100/1000M 1588 clock input interface • 1 RJ45 RS232 serial port • 1 SYNC-OUT, 1 SYNC-IN chassis cascade interface • 1 DB9 GPS RS232 serial port • 1 1PPS, 1 10MHz input BNC • 1 IRIG-B DC TTL input BNC • 4 USB Type A ports
Temperature	Work: 0° C-35° C Storage: -40° C to 70° C
Humidity	Work: 20% to 85% RH, no condensation Storage: 20% to 85% RH
Chassis power supply	One 110VAC / 220VAC 50 / 60Hz @ 8.5A single-phase power input
Noise	≤ 75dba
Operating System	CentOS7.X, 64bit
Network management	• IPv4 Management Network • Support panel keys to modify IP address and query status • Support Telnet / SSH terminal to modify IP and query status • Support external display and keyboard to modify IP and query status • Support webpage download client, modify IP, query status • Supports license management and hardware management through client software
Client software	Renix test application: For control and data plane performance testing of routers and switches with complex protocol support including BGP, OSPF, IS-IS, MPLS, IP multicast, including IPv4 and IPv6 variations and many more protocols
Client system requirements	System: Microsoft Windows 7/Windows 10/Windows Server 2012 R2 Standard Edition CPU: i7-4700EQ CPU @ 2.40GHz and above Memory: 4 GB and above
Board card support	• V6000 series Gigabit functional test module (10M/100M/1000M) • V8000 series 10G functional test module (1G/10G) • V2-10G series 10G multi-speed functional test module (100M/ 1G/2.5G/5G/10G) • V2-100G series 100G multi-speed functional test module (10G/25G/40G/100G)