

Versatile Testing Interfaces

2 x SFP+ 10 Gbps Traffic Ports
2 x RJ45 1Gbps Traffic Ports

Outstanding Capabilities

Line rate of stateless traffic generation with RFC-2544 Support. Wide range of application traffic generation with up to 500,000 TCP session setup rate. Resilience test with Fuzzer, DDoS and cyber attack simulation

Space and Power Efficiency

1U Rack Mount
80W of Power Consumption

Breakthrough in Reducing Total Cost of Ownership

INFINICORE[®]

Infiniload[™] - 220E

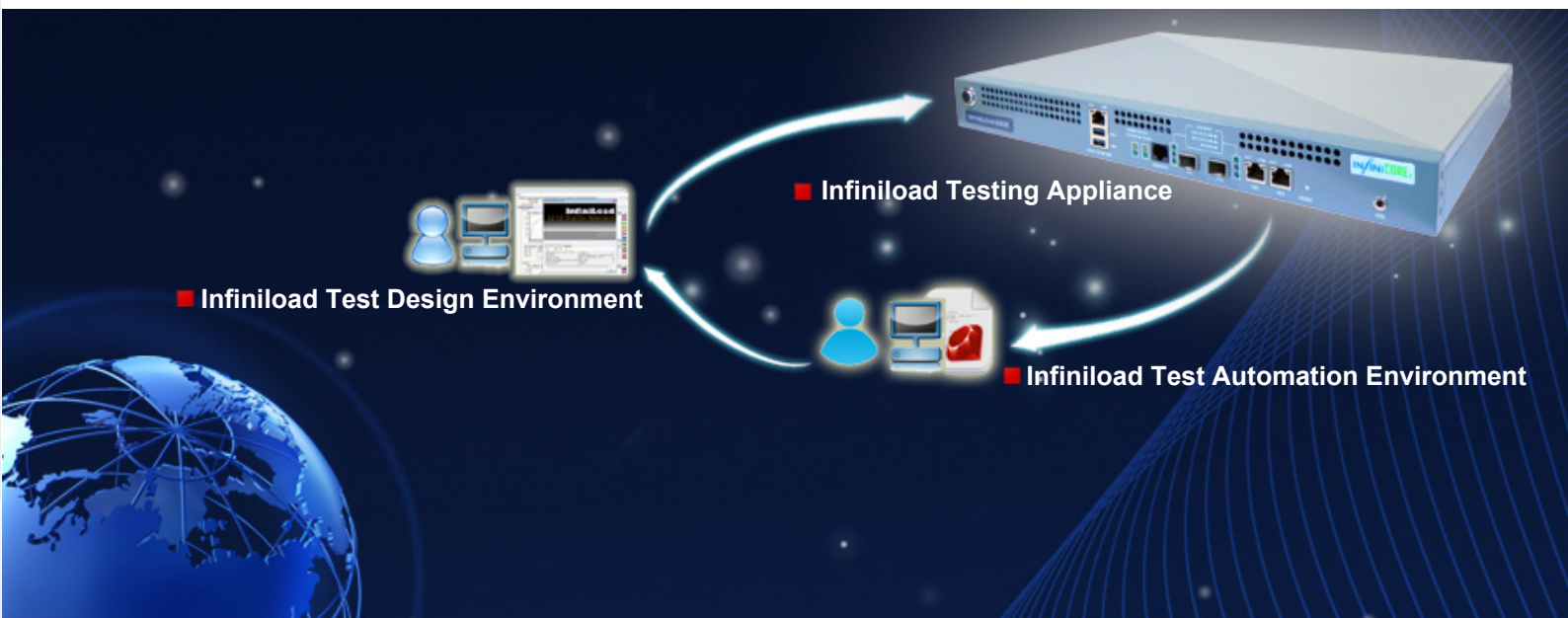
10 Gigabit L2-L7 Network Testing Appliance

七层万兆网络综合测试平台

Applications

应用

- Network and Device Performance Validation ■
- Network HW/SW Design Validation and Sign Off ■
- Network Resilience Evaluation and Response ■
- Cloud Scale Network Traffic Simulation ■
- Network Optimization and Verification ■
- Network Element Quality Assurance ■



High-Density Layer 2-7 Integrated Testing Appliance With Unparalleled Traffic Generation Capabilities and Unmatched Price Performance

Infiniload-220E

Infiniload™ Series



- Wire speed stateless traffic generation
- Wide range of application traffic generation
- Fuzzer, DDoS and Security Attacks
- Open and Standard based InfiniOS
- Infiniload Test Design Environment running on Windows
- Infiniload Test Automation Environment
- Support of both stateless and stateful traffic generation in base package
- More testing packages are available as add-on modules
- Customizable testing scenario
- Lowest TCO
- Green

Contact us

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10 Gigabit All-In-One L2-L7 Network Testing Appliance

Infiniload™ I-220E is a purposefully designed 10 gigabit L2-L7 network testing appliance built in a compact 1U form factor with unprecedented price performance to help you meet the challenges of testing today's converged IP networks and equipments, Enabled by the powerful hardware, I-220E is capable of generating line rate stateless traffic as well as complex application traffic with up to 500,000/sec TCP session setup rate. Additionally Fuzz, DDoS and attack simulation provide a new dimension to measure the resiliency of networks and devices under test.

Streamlined, Outstanding Software Package

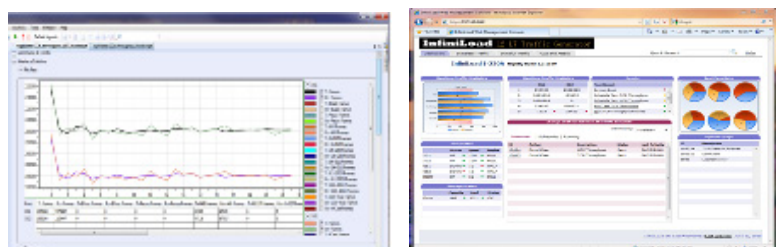
Infiniload™ series is powered by InfiniOS together with complete GUI based Test Design Environment and script based Test Automation Environment. The streamlined GUI together with built-in scripting capabilities provide a complete and intelligent support for test case design, execution, real time monitoring and report.

Powerful Base Package

Infiniload™ series ships with a powerful base package to enable full range L2 to L7 network testing. New test module can be ordered and deployed without reinvesting in hardware. Design service can also be ordered to customize test modules according to specific requirements.

Breakthrough in Reducing TCO with Highest Performance per Watt

By innovating in both hardware and software, InfiniLoad™ series delivers breakthrough price per watt and price performance. This combination significantly reduces TCO to help you meet your budget Plan.



Highlights of Base Package

Stateless Traffic Generation

Maximum Rate

14.88 MPPS Per 10 Gigabit Interface
1.488 MPPS Per 1 Gigabit Interface

Packet Size

64 — 9216 Bytes

Supported Format

IEEE802.1q — Virtual LAN
IEEE802.1QinQ — QinQ Virtual LAN
RFC826 — Address Resolution Protocol
RFC791 — Internet Protocol Version 4 (IPv4)
RFC792 — Internet Control Message Protocol Version 4
RFC768 — User Datagram Protocol (UDP)
RFC793 — Transmission Control Protocol (TCP)
RFC2460 — Internet Protocol Version 6 (IPv6)
RFC3376 — Internet Group Management Protocol (IGMP)
RFC2544 — Benchmarking Methodology for Network Interconnect Devices

Stateful Traffic Generation

TCP Based AppSim

Flexible TCPBlaster Client and Server Modules
10 Gbps Throughput
Up to 500,000/sec Session Setup Rate
4M Concurrent Sessions

HTTP

HTTPBlaster Client and Server Modules
Up to 350,000/sec Session Setup Rate
4M Concurrent Sessions
Support of HTTP 1.0 & 1.1

More Testing Modules

More testing modules are available on line

Cyber Attack and Resiliency Testing

Fuzzer

Ethernet, IPv4, IPv6, UDP, TCP Fuzzer modules

DDoS Simulation

DDoS simulation modules are available online in App store

Security Attacks

Wide range of security strikes are available online in App store

All specifications and figures are subject to change without prior notice.

Actual products may look different from the photos.

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Enabling 10 Gigabit Network Testing at Lowest CAPEX and OPEX for

- **Network Equipment Manufacturers** developing 10 Gigabit routers, switches, firewalls, IDS, IPS, etc
- **Data centers** and **enterprises** deploying 10 Gigabit ports
- **Governments** and **agencies** demanding for resilient testing over networks and devices
- **Service providers** delivering services and applications over IP networks
- **Operators** maintaining networks
- **Third parties** and **labs** performing devices certification and validation

Status Lights

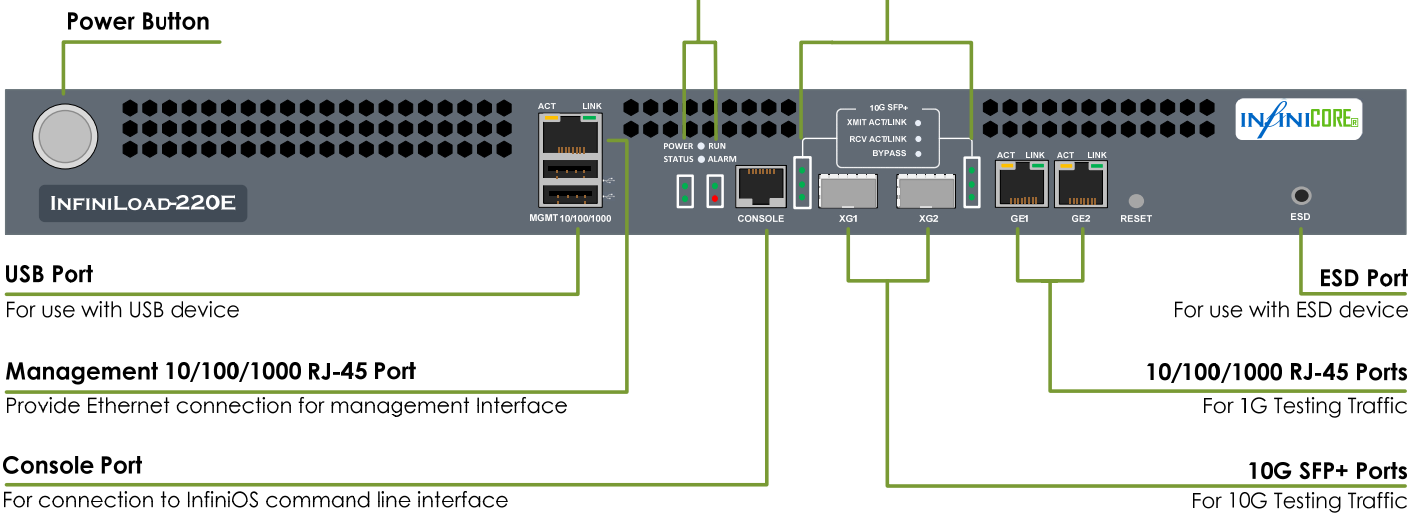
Provide system status below:

- **Power** • **Run**
- **Status** • **Alarm**

10G SFP+ Status Lights

Provide 10G Ethernet port status below:

- **Transmitter Act/Link**
- **Receiver Act/Link**
- **Bypass**



InfiniLoad-220E Front Panel

AC Power Supply

AC power connection for use with the supplied power cable



InfiniLoad-220E Rear Panel

InfiniLoad-220E Order Information

| Part Number | Memory Size | Form Factor | Operating Temperature |
|---------------------|---------------|-------------------|-----------------------|
| InfiniLoad-220E-8G | 8 Giga Bytes | 1U Rack Mountable | 0-40 C |
| InfiniLoad-220E-16G | 16 Giga Bytes | 1U Rack Mountable | 0-40 C |

Contact Infinicore Sales sales@infinicoreinc.com
For more information, visit <http://www.infinicoreinc.com>