



# HUNT FORWARD PACKET CAPTURE / PENTEST FLY-AWAY KIT

NextComputing's Hunt Forward Packet Capture / Pentest FAK is a self-contained suite of equipment (hardware and software) for network/host monitoring for cyber defense, including threat-hunting (both network and end-point), vulnerability assessment, and packet capture with PCAP network forensics. The kit offers an all-in-one portable solution in two rugged transit cases for reliable travel and deployment anywhere you need to be.

This fly-away kit features NextComputing's innovative NextServer-X hardware with a pre-installed suite of software, including licenses, documentation and support. The result is an expert toolset that is ready to go right out of the box.

Whether you need edge computing server capabilities for analytics in the field, or the flexibility to grow your toolset with your changing needs, the Hunt Forward Packet Capture / Pentest Fly-Away Kit lets you bring your server applications to the network edge.

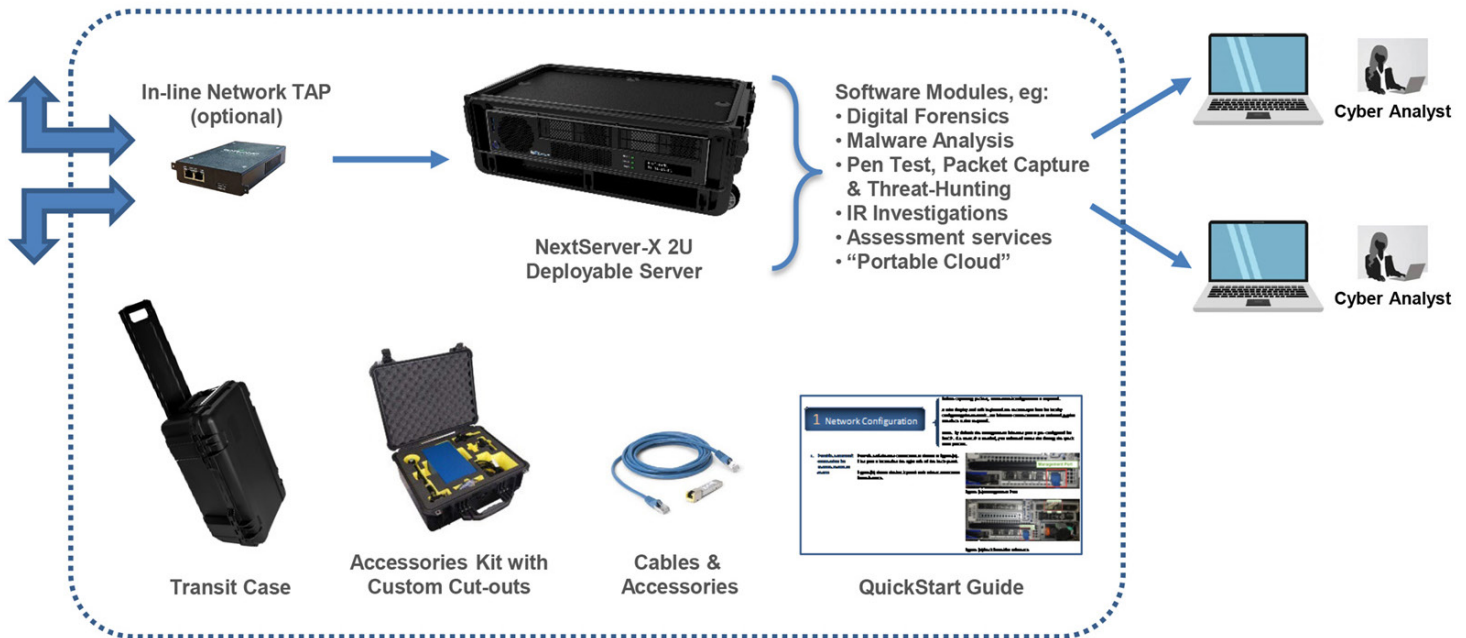


**Compact form factor, incredible performance:** High-speed data transfer with the latest hardware

**Easy transport:** Operate the system from within the rugged travel case for quick setup anywhere

**Modular and purpose-built:** Hardware and software configured for your needs and expandability for future tasks

**Application support:** We work directly with our customers every day to ensure that our computers continue to meet their unique requirements



## PACKET CAPTURE CAPABILITIES

- Complete system and accessories with software pre-installed and configured
- 2x capture interfaces, which can operate independently at 1G or 10G. Includes 2x 1G/10G RJ-45 copper SFP modules, and 2x 10G fiber SFP+ modules
- Up to 10Gbps max aggregate lossless capture rate. This assumes up to 50,000 active Suricata rulesets and other IOC augmentation including Suspicious Signatures, Suspicious IPs, Suspicious Domains, Suspicious MD5sums, Defended Assets and Defended Services
- Simultaneous KQL Elastic Search, BPF PCAP search, flow analysis with Kibana visualization dashboard
- Option for file carving with file MIME type identification and filtering based on file descriptors
- 10TB dedicated PCAP capture store (options for higher capacity SSDs)
- Includes 12 months of hardware warranty and software updates, enhancements and support
- Comprehensive REST API for automation and for filtered metadata and packet forwarding to other tools
- No internet access required (standalone single server appliance) with management network interface for client laptop included and optional use of customer laptops (multiuser with RBAC management)

## EASY SETUP

- Enable a rapid response by more agile forensics teams. More easily scale up and scale down travelling teams to meet the mission. Be able to respond at a moment's notice, and not have to carefully schedule C130 or other travel assets.
- Single person lift
- Carry-on commercial aircraft, staying close to the analyst
- Easily transport on rental car or sedan, SUV cross over vehicles (rental)
- Reduce travel costs by leveraging commercial travel options
- Reduce setup time & tear down time
- Reduce size, so less space used on the site/location. Expand the potential sites where space is a constraint





## FAK THIN-CLIENT

- Thin-client laptop (1080p) - 15.6" with integrated keyboard/glide pad
- ESXi user analyst browser UI interface, and IPMI system management control UI
- MicroSD card slot, USB 2.0 port, USB 3.2 Gen 1, USB 3.2 Type C, HDMI output
- Includes USB to RJ45 network adapter
- Includes power cord. Runs on battery up to 8 hours on a full charge.



## EASE OF USE

- Software tools are installed and ready to go, accessible from NextComputing's pre-configured interface
- We provide step-by-step documentation to get you up and running



# HUNT FORWARD PACKET CAPTURE / PENTEST FAK

## HARDWARE SPECS

CPU	Single AMD EPYC 7313 64-core processor
Memory	512GB RAM DDR4 3200MHz RAM (64GB x 8 RDIMMs)
Storage	10TB dedicated PCAP capture store with specific configuration options up to 1PB (Raw) with separate extraction store and separate partitions for pentest data sets
Network	(2) 10G RJ45 LANs PXE Bootable, (1) RJ45 dedicated IPMI LAN HTML5 and Redfish compatible Out of Band (OOB) management connection
Packet Capture / Pentest Software	Packet Continuum Framework for packet capture, Suricata IDS, metadata enrichment, BPF and KQL search, Kibana UI/ELK, REST API, filtered data forwarding options including alerts/events/metadata/extracted searches, PCAPs, federation option for multiple capture systems to 200Gbps aggregate via local hosted Global federation manager. Separate Pentest module for active target network testing for vulnerabilities.
Packet Capture Rates	<ul style="list-style-type: none"> <li>10Gbps 2-4 x10G capture interfaces SFP+SR, SFP+Copper.</li> <li>Separate configuration with 5 Gbps 2x10G capture interfaces and 2x1G via integrated network tap</li> </ul>
Monitoring	Thin-client laptop (1080p) - 15.6" with integrated keyboard/glide pad, external USB mouse, USB-c to Ethernet cable and NextComputing's thin client Raytheon FAK automation, ESXi user analyst browser UI interface, and IPMI system management control UI
Operating Systems	vSphere (ESXi 7.0) Hypervisor (Licensed)
Power	<ul style="list-style-type: none"> <li>1+1 hot swap redundant 600W 80 Plus Platinum PSU <ul style="list-style-type: none"> <li>Option for 850W single 80 Plus Platinum PSU</li> </ul> </li> </ul>
Environmental	<ul style="list-style-type: none"> <li>0°C–40°C / 32°F–104°F. Non-Operating: -20°C–70°C, -4°F–158°F.</li> <li>Relative humidity (5-95%) non-condensing</li> <li>FCC Class A, CE, TUV, ROHS, Conflict Minerals Free</li> </ul>
Transport Case	<ul style="list-style-type: none"> <li>System includes operational TSA carry-on operational compliant case with telescoping handle and wheels</li> <li>Accessories included in identical case with foam cutouts for secure, organized storage.</li> </ul>
Additional Accessories	<p>Accessories also include:</p> <ul style="list-style-type: none"> <li>World travel power adapter kit</li> <li>Dual-band Wireless-N USB antenna and accessories</li> <li>6-outlet commercial power strip surge protector with 6ft. power cord and rotating plug</li> </ul> <p>Kit includes:</p> <ul style="list-style-type: none"> <li>Garland Technology Network Monitoring Device P1GCCB</li> <li>2 x 1000Base-T - RJ-45, 2 x monitoring - RJ-45</li> <li>Portable TAP for 10M/100M or 10/100/1000M (1G) copper network monitoring and troubleshooting. Fits inside the accessories case.</li> </ul>



Single 2U configuration in TSA carry-on compliant case



Dual 2U configuration in 4U case



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