Server U

Networking Servers made for BSD and Linux systems

NETMAP L-400

NETMAP L-400

IU rack-mount networking appliance for medium-sized
companies and organizations

NETMAP L-400

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www.ServerU.us

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NETMAP L-400

Up to 2.6Gbit/s aggregated networking thoughput

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- ServerU Netmap L-400 is our new entry level embedded network-centric appliance for SMB

- Powered by default with 6 Intel Gigabit Server network cards with multiple multithreaded independent queues

- MSI-X interrupt control, ready for Netmap technology which provides high performance packet capturing and processing

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NETMAP L-400

- Up to 16GB RAM (8GB default) and 4 Intel CPU processor (quad core)

- A networking server suitable for up to 2.6Gbit/s and 1Mpps aggregate throughput.

- Designed, tested and supported for *open source* systems (BSD & Linux)

- 1U server with full rack-mount kit

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NETMAP L-400

KEY FEATURES

- Hand picked 6 port Intel Gigabit NICs
- Netmap ready (BSD & Linux)
- Up to 14x 1Gbit/s expansion ports
- Up to 4x 1Gbit/s SFP (fibre) expansion
- 8GB RAM, 32GB SSD pre-installed
- Programmable LCM Display & 4-key pad

PERFECT FOR

- BGP & OSPF Routing
- Firewall & Security Appliances
- IDS/IPS & Anti-DDoS
- WAF (Web Application Firewall)
- Web content filtering
- Defense in Depth & Layered Security

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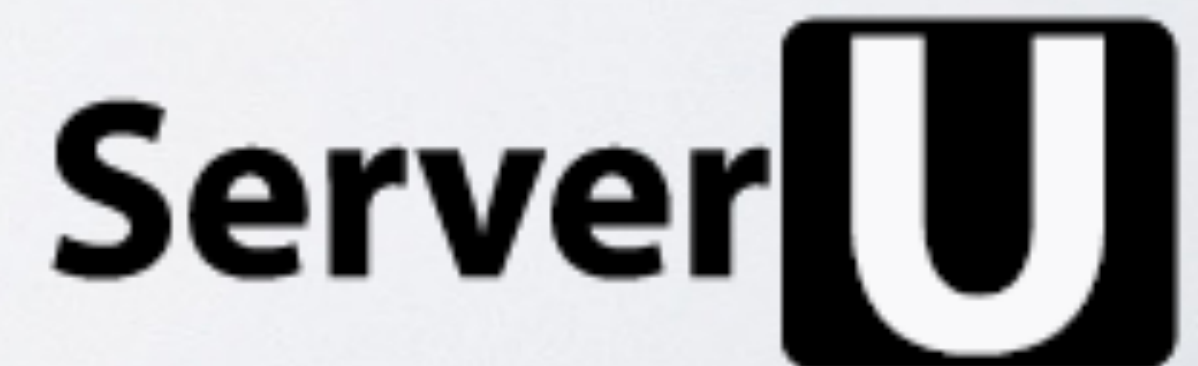
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NETMAP L-400

TECHNICAL OVERVIEW

Here is a summary description for ServerU Netmap L-400

Business Size:	For SMB (small & medium) and medium-to-big business. Exceeds typical SOHO
Recommended use:	BGPv4 & OSPF Routing, Stateful Firewall, IDS/IPS, Web App Firewall, Anti-DDoS, NGFW
Recommended use:	Web Proxy & Content Filtering, E-mail security & server, SMTP Firewall & VPN
Designed & tested for:	ProApps, FreeBSD, pfSense, OpenBSD, Linux, Vyatta (VyOS), Endian, ROS (no Windows)
Certifications:	FCC Class A, UL, RoHS, CE Emission, ANATEL
Processor:	Intel® C2518 "Rangeley" 4x1.74Ghz (Quad Core) Embedded with AES-NI support
Chipset:	Intel® "Rangeley" w/ VT-x virtualization support;
Memory Technology:	1x 8GB DDR3 on 240P DIMM socket (up to 16GB on 2x240P DDR3 DIMM)
Network Interfaces:	6x Intel Gigabit server ports w/ 2x Intel i210AT chipset and 4x Intel 88E1543 chipset - igb(4) driver
Network Features:	WDT, RTC, MSI-X, CPU Affinity w/ 4 and 8 queues
Physical I/O:	4-key Pad & 2-line LCM Display (fully scriptable yeah!)

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## TECHNICAL OVERVIEW
Here is a summary description for ServerU Netmap L-400

Defense in Depth:	Perfect for bastion Host, Tier-1, Tier-2 and Tier-3 perimeter control
Diversity of Defense:	FreeBSD, Linux or OpenBSD; ProApps, pfSense or ROS;

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1Gbit/s Copper	Ports	Chipset	Bypass
G808-1	8x Gbe RJ-45 ports	8x Intel i210 AT; PEX8618	4 pairs G3
G808-2	8x Gbe RJ-45 ports	8x Intel i210 AT; PEX8618	N/A
G428-1	4x Gbe RJ-45 ports	1x Intel i350 AM4	2 pairs G3
G428-2	4x Gbe RJ-45 ports	1x Intel i350 AM4	N/A
1Gbit/s SFP (Fiber)	**Ports**	**Chipset**	**Bypass**
S406-1	4x Gbe SFP ports	i350-AM4	N/A

• With a PCIe x8 3rd Generation NIC expansion slot w/ high bandwidth bus, ServerU Netmap L-400 can be grown in performance, bandwidth and perimeter ports according to your needs.

• These front-facing and easily swapped modules allow for a safe and guaranteed expansion for NICs of type RJ-45 copper, fiber, *bypass* and speeds at *1Gb/s* (SFP and Copper).

• Rear Raiser optional for rear PCI expansion

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...erverU Netmap
...rmance, bandwidth
...g to your needs.
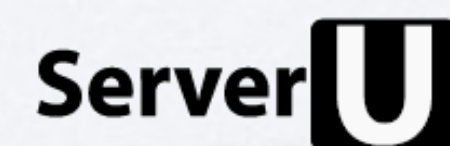
1Gbit/s Copper

G808-1

G808-2

G428-1

G428-2

1Gbit/s SFP (Fiber

S406-1

...swapped modules
...ed expansion for
...ber, *bypass* and
...pper).

PCI expansion
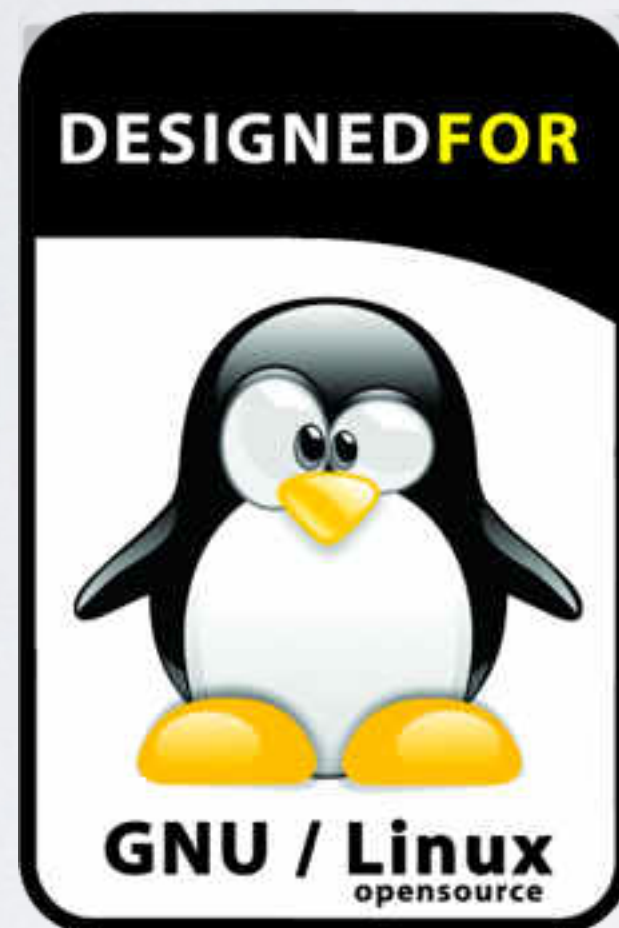
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NETMAP L-400

- ServerU Netmap L-400 is designed, engineered, tested and certified for *open source* operating systems based on BSD and Linux

- BSD and Linux are fully supported, chipsets are handpicked to offer best performance, reliability and advanced technologies on these platforms

- Exclusive BSD and Linux technologies such as Netmap & PF_RING are fully tested on L-400

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more info:
http://www.serveru.us/en/netmapl400

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CONSOLE   USB   0 1 2 3 4 5

RESET

1 2 3 4

Server**U**

FC℮ CE (UL) RoHS compliant 2002/95/EC ANATEL