

- ✓ Full Cellular/WAN Bonding
- ✓ Enhanced LTE Physical Coverage
- ✓ Higher Data Rates
- ✓ Additional WANs Supported, i.e. Satellite
- ✓ Very Small Size
- ✓ Layer 2/3 Features
- ✓ Full Admin Control Panel

Stable data transfer and Internet access anywhere at the highest possible speed on multiple network channels.

NetAmp - is a client-server software for the organisation single virtual network channel at the packet level over multiple network channels.

Using NetAmp, you:

- Are always online regardless of the network status of one of the operators
- get an ultra-high speed of downloading and publishing content
- see no difference in work both in motion and at rest

Main advantages of NetAmp:

- high fault tolerance in transmission (minimization of packet loss during transmission through unstable channels)
- consolidation the performance of multiple channels
- stabilization of delays in the channel
- maximizing throughput
- low requirements for computing resources
- portability (x86, ARM)
- utilizing of multiple channels even with a single tcp connection
- network agnostic: wireless, cellular, cable



NetAmp

NetAmp Datasheet

Client Specification

Bonding	Packet-level
Management	SMTP, Grafana, Prometheus
Routing	Unicast/Multicast
Fleet Management	Via software
Failover/Balancing	Cloud based

Client Physical

Dimensions	190 x 109 x 42 mm
Weight (incl. LTE Radios)	490 g
Enclosure Casing	ABS

Server Specification

Fleet Management	Via software
Failover/Balancing	Cloud based
Hardware platform	Open
IP ADDR	Publicly addressable
Network channel b/w	Client bandwidth dependent
Maximum clients/server	50

Client Hardware Requirements

RAM	512MB
HDD/SDD	4GB
CPU	Arm (32/64 bit,4-core 900MHz) or AMD x86(_64 2-core)
Modems Supported	"QMI or NDIS USB or USB-PCIE modem Sierra Wireless AirPrime MC7455 Huawei e909s-120 Huawei e3372 series in NDIS mode"

Server Hardware Requirements

CPU	Intel(R) Xeon(R) CPU E5-2630L v2 @ 2.40GHz
HDD/SDD	2GB
RAM	1GB

Client Interface

IP	1 x 10/100/1000Mbps LAN Port RJ45
Power	5V DC
LTE Modem	USB

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