

PRODUCT BRIEF

WarpEngine-CT™

Next Generation TCP Optimization Technology,
Bringing the Future to your Network



Use Cases

Satellite Data Service
Cellular Carriers: LTE base stations
Internet service providers
Cloud Services: AWS
Enterprise Wi-Fi
VPNs
Venues, hotels, and schools
Underdeveloped & long connections

Hardware SKU

WECT-2U-DC

Supported NICs

NIC-1G-2C

Dual port 1Gbps copper

NIC-1G-2SXLC

Dual port 1Gbps SR fiber (LC)

NIC-1G-2LXLC

Dual port 1Gbps LR fiber (LC)

License Options

**100Mbps, 250Mbps, 500Mbps,
1Gbps, GTP**

OVERVIEW

WarpEngine-CT™ is built on Badu Networks' patented *WarpTCP™* technology designed with the future in mind, to serve the dramatic increase in network traffic, mobile devices, users, and globalization. *WarpTCP™* is not WAN optimization or caching - *WarpTCP™* handles TCP by making it smarter. Badu's single-box solutions handle encrypted traffic, optimize bandwidth utilization, and perform for high noise networks like Wi-Fi, Cloud, and mobile. By delivering up to a 10x improvement in performance and throughput, *WarpTCP™* ensures you'll get the most out of your network.

WarpEngine-CT™ TCP OPTIMIZATION PROXY

WarpEngine-CT™ is a scalable network optimization proxy appliance that can handle a large number of TCP sessions with little to no overhead. With built-in GTP support, it can be deployed at the network edge in LTE cell towers.

Performance for *WarpEngine-CT™* depends on network variables such as round trip time (RTT), packet loss, available bandwidth, and size of content. It is based on Badu's patented *WarpTCP™* technology, which was developed specifically to perform well in wireless networks.

WarpTCP™ BENEFITS

DESIGNED FOR CLOUD & MOBILE DEVICES

Optimizes performance for high noise networks

SINGLE BOX DEPLOYMENT

Patented one-box solution costs significantly less than competing two-box solutions

ACCELERATES ENCRYPTED TRAFFIC

Full performance when handling encrypted and compressed traffic

MAXIMIZES BANDWIDTH

Increases network efficiency without costly network equipment upgrades, while complimenting past and future network investments

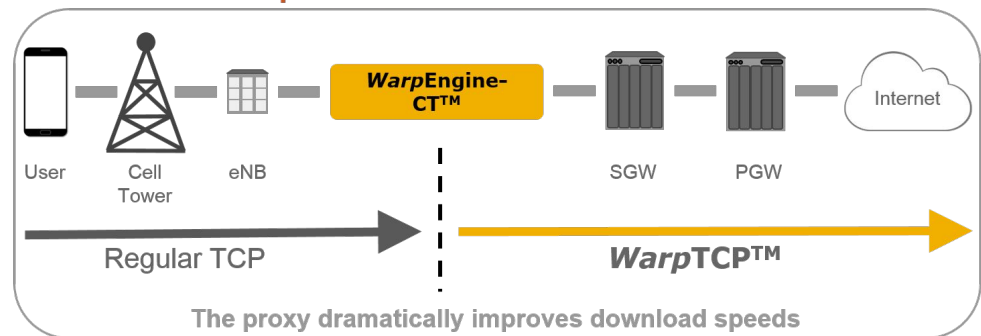
ADJUSTS FOR GROWTH

Solves the growing challenge of ad hoc Wi-Fi and cellular users

WARPENGINE-CT™ TECHNICAL SPECS

Feature	WarpEngine-CT™
Optimized WAN Capacity	1Gbps
Storage	Dual hot-plug 2.5" SFF disk bays Onboard server cartridge SSDs External storage via PCI-E or iSCSI
Network Adapter Options	1Gbps dual-port bypass - Copper (RJ45) - Single-mode Fiber LX (LC) - Multi-mode Fiber SX (LC)
Power Supply	- 48 VDC input, high efficiency, or AC
I/O Expansion Slots	- Supports up to two full-height, half-length x8 PCI cards
Telecom Environments	NEBS Level 3
Chassis	2U, short depth

High Efficiency Transparent TCP Proxy Simple Deployment that Operates within the GTP Network



Learn more at www.badunetworks.com/products/warpengine-ct

About BADU NETWORKS

Founded in 2012, Badu Networks has become the market leader in TCP optimization solutions with our patented WarpTCP™ technology that delivers up to a 10x improvement in performance and throughput. Our appliance and software products leverage this patented technology to maximize existing network ROI by dramatically reducing webpage load and file transfer times and improving mobile application responsiveness. For more information, visit www.badunetworks.com.