

## 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

### Models

#### WarpEngine-CT™-1G

1Gbps GTP software license;  
GTP CT NEBS3 compliance

#### WarpEngine-CT™-500M

500M GTP software license;  
GTP CT NEBS3 compliance

#### WarpEngine-CT™-250M

250M GTP software license;  
GTP CT NEBS3 compliance

#### WarpEngine-CT™-100M

100M GTP software license;  
GTP CT NEBS3 compliance

### OVERVIEW

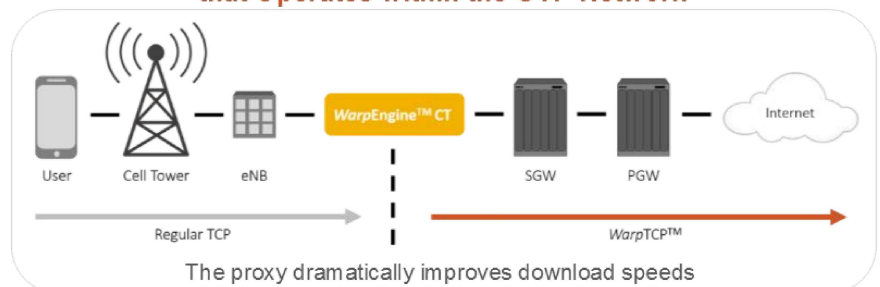
WarpEngine™ is built on Badu Networks' patented WarpTCP™ technology designed with the future in mind, to serve the dramatic increase in network traffic, mobile devices, users, and globalization. WarpTCP™ is not WAN optimization or caching - WarpTCP™ handles TCP by making it smarter. Badu's single-box 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.

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



## 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™
<b>Optimized WAN Capacity</b>	1Gbps
<b>Storage</b>	Dual hot-plug 2.5" SFF disk bays Onboard server cartridge SSDs External storage via PCI-E or iSCSI
<b>Network Adapter Options</b>	1Gbps dual-port bypass - Copper (RJ45) - Single-mode Fiber LX (LC) - Multi-mode Fiber SX (LC)
<b>Power Supply</b>	- 48 VDC input, high efficiency, or AC
<b>I/O Expansion Slots</b>	- Supports up to two full-height, half-length x8 PCI cards
<b>Temperature</b>	0°C to -55°C operating
<b>Cooling</b>	Embedded fans
<b>Relative Humidity</b>	95% non-condensing
<b>Telecom Environments</b>	NEBS Level 3
<b>Chassis</b>	2U, short depth

Learn more at [www.badunetworks.com/products/warpengine-ct](http://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](http://www.badunetworks.com).