

PRODUCT BRIEF

WarpEngine-X™

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-X™-10G

10Gbps Optimized throughput,
5M TCP flows

WarpEngine-X™-5G

5G Optimized throughput,
2.5M TCP flows

WarpEngine-X™-2.5G

2.5G Optimized throughput,
1.25M TCP flows

OVERVIEW

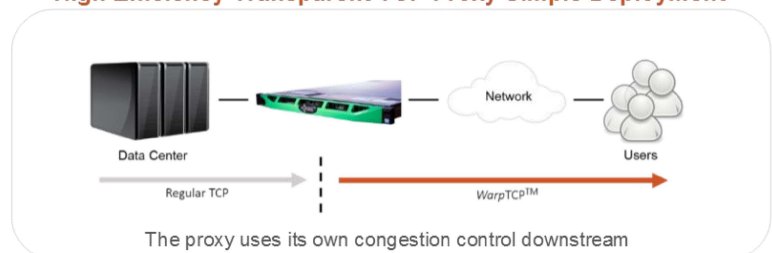
WarpEngine™ is built on Badu Networks' patented WarpTCP™ technology designed with the future in mind, to serve the dramatic increase in network traffic, mobile devices, users, and globalization. WarpTCP™ is not WAN optimization or caching - WarpTCP™ handles TCP by making it smarter. Badu's single-box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

WarpEngine-X™ is a 10Gbps scalable network optimization proxy appliance that can handle TCP sessions with little to no overhead. It can be deployed at the customer premise for enterprise applications, in a service provider's core network, or in front of hundreds or thousands of servers in a data center.

Performance for WarpEngine-X™ 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



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-X™ TECHNICAL SPECS

Feature	WarpEngine-X™
Maximum Optimized Throughput	10 Gbps
Maximum Simultaneous Optimized TCP Flows	5,000,000
Data Network Interface Options - Dual Port Bypass - Watchdog	10G Multi-mode Fiber (LC) 10G Single-mode Fiber (LC)
Management Interface	GB Ethernet
Total PCIe Slots	2
Power Supply	Dual Redundant 550W AC
Storage	400 BG SSD-RAID1
Environmental	NEBS 3 compliant
Form Factor	1U
Chassis Depth	27.5" (70cm)
SNMP	V2C, V3
Sliding Rails	Yes
Security Bezel	Yes

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

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.