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## Appendix A. Jaguar7000 Full product model Datasheet

Global customers have been demanding on the appearance of big capacity of web optimization product which is able to save CAPEX and OPEX remarkably. We have been trying to reach the customer’s demand

JAGUAR7000 is a carrier-grade high performance web and multimedia Optimization solution to decrease latency and hence increase users' Quality of Experience (QoE). There are numerous optimization solution vendors in the market. However, J7K provides highest throughput from given or limited rack space.

JAGUA7000 offers many amazing benefits that make the fastest ROI, best QoE and highest TCP Optimization:

- **Improved Subscriber QoE:**  
Faster data transmissions and increased application performance lead to measurably, consistently better subscriber quality of experience.
- **Increased Network Performance:**  
Higher ratio of goodput to throughput, better resource utilization, reduced retransmissions, and extended legacy infrastructure lifetimes.
- **Increased Revenue Opportunities:**  
Subscribers tend to use more data when they are enjoying faster, more reliable connections.
- **Rapid ROI:**  
more efficient resource utilization defers capital, and lets access network resources run ‘hotter’ without compromising QoE.
- **Enhance browsing service (response time enhancement)**
- **TCP Connection Splitting**
- **Increase average Bandwidth per user.**
- **Decrease packet loss and packet retransmission.**
- **HTTPS rate limit for congestion avoidance.**

Below table describes ARA JAGUAR7000 product model

Application Model		J7K-CN-HTTPS
Customer		Large ISP
Sustainable Client Side Throughput		7.1 Gbps
Maximum Client Side Throughput		7.5 Gbps
Total number of concurrent connections		2 Million
RPS (Request per second)		22K
SW	JAGUAR7000 (Version 1.1.1 or Higher)	
H/W	Server Model	Intel Based Bare metal Server
	CPU	2*10 Cores or higher
	RAM	128GB
	HDD	2*600GB 1*1.2GB