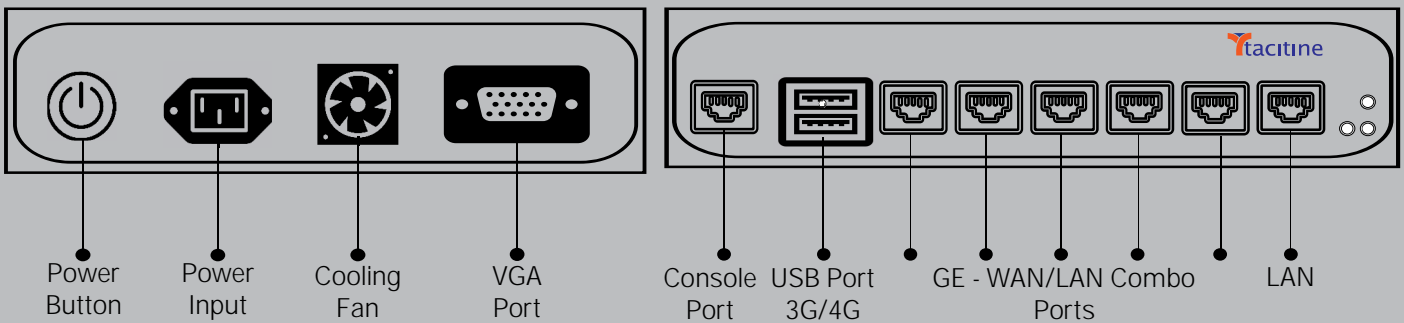


# Link Load Balancer



100%  
Uptime  
Link  
Load  
Balancer

BA2100-Prime is designed keeping in mind the requirement of pay as you grow model which is most required for the current market conditions.

Compared to the other product's Tacitine moved one step ahead of providing a comprehensive solutions to meet customer IT needs on Link load balancing, seamless failover between the private cloud and alternate Internet connection with 100% uptime and remote manageability coupled with 2x scalability.

BA2100 supports load balancing algorithm like round robin, weighted round robin, least connection, hash IP and application optimization modules such as compression, caching, connection multiplexing, TCP optimization. BA2100 Supports Layer 2 to Layer 7.

Tacitine LLB's inbuilt logs and elaborated reports on every configured features make BA2100 Prime not just a LLB box, instead it is informative, proactive on Link monitoring, easy to use and provides complete control of the network.

In addition to LLB features, Prime Series are equipped with bandwidth manager features for individual user control on both wired and wireless network.

Prime Series supports 3G/4G dongles and hotspot along with multiple wired internet connections for auto failover and Link load balancing.

BA2100 Prime Series are versatile, scalable, robust and rack mountable.

## Specifications

Performance Parameters	BA2100 Prime Hexa 200
Concurrent Sessions	8,251,000
New Sessions/sec	140000
SSL Throughput	4 Gbps
Throughput scalability	5 Gbps
Inbound/Outbound throughput configuration	Per linkwise
Link Failure Deduction Interval	5 sec
Multicore CPU support	Yes
Link Health monitoring and alerting	Yes
High Availability	Yes
Device Configuration	GUI, HTTP, HTTPS, Console
IPv6 Ready	Yes
Firewall Policies	Unlimited
SNMP	Yes
Local User Database	Unlimited
Virtual grouping support	Yes
MAC-IP-Interface binding	Yes
Licensed LAN Users	Unlimited
Bandwidth Manager	Yes
Hardware Specification	
Gigabit Ethernet Ports	1xLAN + 5xLAN/WAN Combo
RAM DDR3	4GB
Storage SSD	32GB <sub>(S)</sub> (D)/500GB <sub>(H)</sub> (R)/64GB <sub>(S)</sub> (O)
USB / VGA Port	2/1 Port
Form Factor	1U
Dimensions (mm) - (HxWxD)	44x360x270
Weight (Kg)	4.5
Color	Orange
Power Supply	230V,AC 3-Pin
Input Voltage	100-240V/50-60Hz
Consumption	70W
Total Heat Dissipation (BTU)	180
Operating Temperature	0-45°C
Storage Temperature	2-70°C
Relative Humidity (NC)	10 to 90%
Regulatory Compliance	FCC Part 15, Class B, CE

# All specification and photos are subject to change without prior notice.

1.Maximum throughput performance is measured under ideal test conditions using industry standard performance test tools. 2. Firewall UDP throughput performance is based on RFC 2544 guidelines. 3.All Performance values are upto or rough guideline only and vary depending on system configuration.3.Testing done with multiple flows through multiple port pairs. \* If all slots populated.

## Ordering Information

BA2100-Prime Hexa-200-Y	6 Port device includes LLB/Router/Firewall/Bandwidth manager/HW Warranty subscription*Y* Support.
Y = Subscription years options : 1 Year or 3 Years	

## Tacitine Assured Support

Tacitine products come with direct OEM 24/7 support by trained Professionals for product configuration and support. TAS helps customer on security best practices to make the network hacker free and more reliable.



[www.tacitine.com](http://www.tacitine.com)

## Features

- Router
- Multi LAN/WAN connection
- Link Load Balancer
- Auto Fail Over
- Static Routing
- Dynamic Routing
- Hairpin Routing
- Multicast Routing
- BGP Routing
- IP Passthrough support
- Policy Routing
- Multicast Routing
- Internal DNS Domain
- ILLB, WLLB
- SPI Firewall
- Geo IP
- SNAT, DNAT, PAT
- Quality of Service
- DDNS/SNMP/Remote sys log
- Bandwidth Manager
- Traffic Analyzer
- Inbuilt Logs & Reports

Tacitine Consulting Pvt Ltd,

6/1, 1st Main,

Behind Kodava Samaj, Vasanth Nagar,

Bangalore – 560 052.

India | USA | Middle East | South East Asia