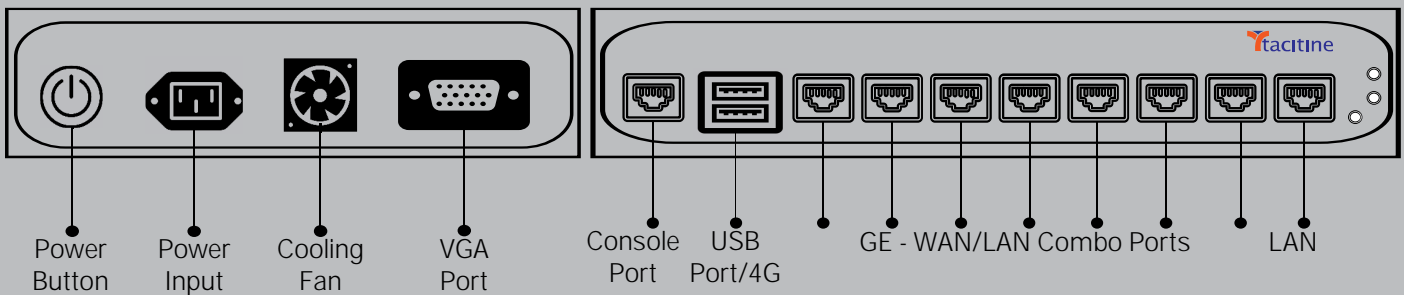


Datasheet

# VN3100

Prime Octa 1000

## VPN Concentrator



High performance VPN using any ISP Connection!!!

Tacitine VPN Solutions are cost effective way of securing and inter-connecting Head Quarters with branches and office's to data centers with 100% uptime. It enables seamless and secure remote access to CRM, ERP and Intranet applications.

Tacitine VN 3100 Series are deployed across Banks, Financial Institutions, Corporates and Retail showrooms across the Globe.

Extended Ports With Vigorous Security And Ascendable Users

### Advantage on SSL over IPSec

| VPN Features                         | SSL  | IPSec                    |
|--------------------------------------|------|--------------------------|
| Easy of Use                          | Easy | Difficult                |
| Encryption                           | Good | Good                     |
| Client Required                      | Yes  | Depends on peer service  |
| Site to Site VPN                     | Yes  | Yes                      |
| Client to Site VPN                   | Yes  | Yes                      |
| Concentrator failover setup          | Easy | Very Difficult           |
| Concentrator load balancing setup    | Easy | Very Difficult           |
| Multi Homed Concentrator             | Yes  | No                       |
| Multicast Traffic                    | Yes  | No                       |
| Bridged Interface                    | Yes  | No                       |
| Router Interface                     | Yes  | Yes                      |
| Certified based authentication / PKI | Yes  | Yes                      |
| Password based authentication / PSK  | Yes  | PSK                      |
| Works over NAT                       | Yes  | Not work with Some peers |
| Works with Dynamic IP / Dynamic DNS  | Yes  | Yes                      |
| Client device MAC binding            | Yes  | No                       |
| Virtual Server Support               | Yes  | No                       |

## Specifications

| Performance Parameters    | VN3100 Prime Octa 1000 |
|---------------------------|------------------------|
| Concurrent Sessions       | 35,000,000             |
| New Sessions/sec          | 400,000                |
| Firewall Throughput(Mbps) | 8000 (36000)*          |
| IPS Throughput (Mbps))    | 9000                   |
| VPN Throughput(Mbps)      | 4000                   |
| IPsec VPN Peers           | Unlimited              |
| Site to Site SSL VPN      | 1000/1000              |
| IPv6 Ready                | Yes                    |
| Firewall Policies         | Unlimited              |
| Inbound NAT connection    | Unlimited              |
| IP/Mac based filter rule* | Yes                    |
| MAC-IP-Interface binding  | Yes                    |
| Licensed LAN Users        | Unlimited              |

## Features

- Router
- Multi LAN/WAN connection
- Scalable Users
- Auto Load Balancer
- Auto Fail Over
- SPI Firewall
- Geo IP Filter
- Monitoring of connected / disconnected VPN clients on a real-time basis
- Intrusion Prevention System
- Intrusion Detection System
- VPN - SSL/IPSec
- Inbuilt Logs & Reports
- DDNS/SNMP/Remote sys log
- Traffic Analyzer

## Hardware Specification

|                              |                                     |
|------------------------------|-------------------------------------|
| Gigabit Ethernet Ports       | 1xLAN + 7xLAN/WAN + 2 SFP-Plus Slot |
| RAM DDR3                     | 8GB /16 GB                          |
| Storage                      | 64GB SSD                            |
| USB / VGA Port               | 2/1                                 |
| Form Factor                  | 1U Rackmount                        |
| Dimensions (mm) - (HxWxD)    | 44x430x360                          |
| Weight (Kg)                  | 4.7                                 |
| Color                        | Grey                                |
| Power Supply                 | 230V AC 3 Pin                       |
| Input Voltage                | 100-240V/50-60Hz                    |
| Consumption                  | 60W                                 |
| Total Heat Dissipation (BTU) | 160                                 |
| 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. IPS throughput(http) measured using default IPS rule set and 512KB object size. 4.VPN throughput measured using multiple tunnels with 512KB response size. 5.Testing done with multiple flows through multiple port pairs. \* If all slots populated.

## Ordering Information

|   |   |
|---|---|
| VN3100-Prime Octa-1000-S-Y  | 8 Port device includes IDS/IPS/HW Warranty subscription upto 1000 SSL VPN License with "S" Variant and "Y" Support. H = |
| Hotspot Variants Options: S= scalable upto 4000 SSL VPN License .<br>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.



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