

DATENBLATT

VT AIR 100



Voleatech GmbH
Grathwohlstr. 5
72762 Reutlingen
Deutschland

+49 7121 539 550
info@voleatech.de
www.voleatech.de



Hardware

| | | | |
|----------------|--|--------------------|--|
| CPU | 2 Core ARM v7 Cortex-A9 1.6 Ghz | Power | 9V-32V Volt: 12V 2A 2,5mm Hohlstecker mit Drehs- tecker EU Stecker |
| RAM | 1GB DDR4 | Extension | Keine |
| SSD | 8 GB eMMC | Temperatur | 0C - 35C |
| Konsole | USB Konsole | Zertifikate | FCC, CE, RoHS, UL, IEC-60950 |
| NIC | 1x SFP (1000 Mbit/s) 2x RJ45 (1000/100/10 Mbit/s) | Maße | L: 125 mm B: 80 mm H: 30 mm |
| USB | 1x USB 3.0 | | |

Throughput

Packages per Second

| Test | Speed |
|---------------------|---------------|
| XDP Offloader | ~775.000 pps |
| Normal | ~ 450.000 pps |
| Maximum Connections | ~ 1.000.000 |

iperf3

| Test | Speed |
|---|-----------|
| Firewall | 5.10 Gb/s |
| App Control/Intrusion Protection ⁴ | 565 Mb/s |
| IPSec VPN (AES-256 CBC, SHA256) | 520 Mb/s |
| OpenVPN (AES-256 GCM) | 125 Mb/s |
| Wireguard | 500 Mb/s |

IMIX Traffic

| Test | Speed |
|---|-----------|
| XDP Firewall | 2.40 Gb/s |
| Firewall | 1.39 Gb/s |
| App Control/Intrusion Protection ⁴ | 290 Mb/s |
| IPSec VPN (AES-256 CBC, SHA256) | 208 Mb/s |
| OpenVPN (AES-256 GCM) | 50 Mb/s |
| Wireguard | 230 Mb/s |

1. Throughput Daten basieren auf bidirectionalem Traffic

2. Iperf3 Traffic ist TCP 1460 Bytes + TCP framing

3. IMIX Traffic besteht aus UDP Traffic 7x 64 Byte packets, 4x 594 Byte packets, 1x 1514 Byte packets (ohne Ethernet FCS)

4. App Control/Intrusion Protection ist Worst Case Performance