

# Defzone 1650utm

The Defzone 1650utm is a Firewall and UTM gateway for professional SMB to enterprise with 1 to 1000 recommended users.



Because of the UTM functionality you have content filtering and intrusion prevention standard on the Defzone 1650utm appliance.

This connectivity appliance has advanced router functions so you can built very complex situations with the Defzone 1650utm and be in control of your network and your extended network through VPN tunnels.

A real-time network view 'the Netzone' and configuration printout will help you to survey complex network environments.

Because of the use of power saving chips and SSD (Solid State Drive) we use less energy and produce less heat that improves the reliability of our appliances and saves your data center cost for climate control and energy.

## Technical Specifications:

| Hardware:                 |             |
|---------------------------|-------------|
| • Memory RAM              | 2 GB        |
| • Solid State Drive (SSD) | 30 GB       |
| • Dimensions (WxDxH mm)   | 440x422x44  |
| • 19" Rack Mountable      | ✓           |
| • Power                   | 100~240V AC |
| Interfaces:               |             |
| • 1000 Ethernet ports     | 8           |
| • Flex Port (LAN/WAN/DMZ) | 6           |
| • WAN Port                | 2           |
| • Console Port            | 1           |
| System Performance:       |             |
| • Concurrent Sessions     | 500.000     |
| • Firewall Throughput TCP | 1,6Gb       |
| • VPN Throughput TCP      | 300Mb       |
| • Maximum Users           | Unlimited   |
| • Recommended Users       | 1000        |
| • Policies                | Unlimited   |
| Documentation:            |             |
| • Manual                  | ✓           |
| • Online FAQ              | ✓           |

| • Individual Port Blocking | ✓           |
|----------------------------|-------------|
| • H.323 NAT Traversal      | ✓           |
| Proxy Server:              |             |
| • HTTP Proxy               | ✓           |
| • FTP Proxy                | ✓           |
| VPN:                       |             |
| • IPSec                    | ✓           |
| • Dedicated tunnels IPSec  | 1000        |
| • Encryption: DES          | ✓           |
| • Encryption: Triple DES   | ✓           |
| • Encryption: AES          | 128/192/256 |
| • Encryption: Twofish      | ✓           |
| • Encryption: Blowfish     | ✓           |
| • Authentication: SHA1     | ✓           |
| • Authentication: SHA2     | 256/512     |
| • Authentication: MD5      | ✓           |
| • IKE autokey              | ✓           |
| • PPTP Passthrough         | ✓           |
| • L2TP Passthrough         | ✓           |
| • IPSec Passthrough        | ✓           |
| • IPSec NAT traversal      | ✓           |

|   |   |
|---|---|
| • Online Task Instructions                  | ✓ |
| <b>Unified Threat Management (UTM):</b>     |   |
| • SPI firewall                              | ✓ |
| • Anti-Virus                                | ✓ |
| • Content Filtering                         | ✓ |
| • Bandwidth Management                      | ✓ |
| • VPN                                       | ✓ |
| <b>Firewall:</b>                            |   |
| • SPI firewall                              | ✓ |
| • Anti-DOS (Denial Of Service)              | ✓ |
| • NAT (SNAT, DNAT, masquerade)              | ✓ |
| • PAT                                       | ✓ |
| • Static NAT                                | ✓ |
| • DMZ (bridge)                              | ✓ |
| • Multi DMZ                                 | ✓ |
| • 802.1q VLAN                               | ✓ |
| • FTP Passthrough                           | ✓ |
| • PPTP Passthrough                          | ✓ |
| • SIP Passthrough                           | ✓ |
| • QoS (Quality of Service)                  | ✓ |
| • Acces Filter                              | ✓ |
| • ICMP Filter for WAN                       | ✓ |
| • SNTP                                      | ✓ |
| • SNTP server                               | ✓ |
| • Failover                                  | ✓ |
| <b>Traffic Management:</b>                  |   |
| • Policy Based Traffic Shaping              | ✓ |
| • Route Based Traffic Shaping               | ✓ |
| • WAN Bandwidth Control                     | ✓ |
| <b>Networking:</b>                          |   |
| • Multiple WAN Link                         | ✓ |
| • Interface Bonding                         | ✓ |
| • Failover                                  | ✓ |
| • PPPoE Client                              | ✓ |
| • DHCP Client                               | ✓ |
| • DHCP Server                               | ✓ |
| • PPTP Client                               | ✓ |
| • MTU Changeable for WAN                    | ✓ |
| • SMTP Bind                                 | ✓ |
| • MAC Address Clone                         | ✓ |
| • Multiple LAN                              | ✓ |
| • Visual Feedback on Network Layout (NetZ   | ✓ |
| • Configuration through Network Layout (Net | ✓ |
| • Tagged VLAN (Layer 2 Switch)              | ✓ |
| • Routes                                    | ✓ |
| • Multiple Subnets                          | ✓ |
| <b>System Management:</b>                   |   |
| • User Interface (HTTP)                     | ✓ |
| • User Interface (HTTPS)                    | ✓ |
| • SSH                                       | ✓ |

|  |         |
|--|---------|
| • PFS (Perfect Forward Secrecy)              | ✓       |
| • Dead Peer Detection                        | ✓       |
| • Preshared Key                              | ✓       |
| • IPSec Logging                              | ✓       |
| • Hub and Spoke Architecture                 | ✓       |
| <b>Logging:</b>                              |         |
| • Remote Syslog Server                       | ✓       |
| • SNMP                                       | ✓       |
| • Email Notification                         | ✓       |
| • Internal Log Storage                       | ✓       |
| • Browse System Log                          | ✓       |
| • Filter Log(s)                              | ✓       |
| • Search in Log(s)                           | ✓       |
| • Logwatch                                   | ✓       |
| <b>Load Balancing:</b>                       |         |
| • LB by Round Robin                          | ✓       |
| • Bonding: Active Backup                     | ✓       |
| • Bonding: Balance XOR MAC                   | ✓       |
| • Bonding: Balance XOR Port                  | ✓       |
| • Bonding: Broadcast                         | ✓       |
| • Bonding: IEEE 802.3ad                      | ✓       |
| • Bonding: TLB                               | ✓       |
| • Bonding: ALB                               | ✓       |
| • Link Detection                             | ✓       |
| • Show Running Processes                     | ✓       |
| • Warning on Calamities (i.e. Disk Too Full) | ✓       |
| <b>Content Filtering:</b>                    |         |
| • URL/Keyword/Phrase Block                   | ✓       |
| • URL Exempt List                            | ✓       |
| • External Database Content Filtering        | ✓       |
| <b>Anti-Virus:</b>                           |         |
| • Virus Scanning                             | By Unit |
| • Automatic Update                           | ✓       |
| • Scan HTTP                                  | ✓       |
| • Scan FTP                                   | ✓       |
| <b>Regulation:</b>                           |         |
| • CE   | ✓       |
| • FCC Class B                                | ✓       |
| <b>Warranty:</b>                             |         |
| • 1 Year Warranty                            | ✓       |
| • 1 Year Swap                                | ✓       |

|                                      |   |
|--------------------------------------|---|
| • Permitted IP's                     | ✓ |
| • Console Interface (RS-232)         | ✓ |
| • Remote Firmware Update             | ✓ |
| • Individual Software Package Update | ✓ |
| • Remote Config File Update          | ✓ |
| • System Software Rollback           | ✓ |
| <b>Diagnostic Tools:</b>             |   |
| • Ping                               | ✓ |
| • Traceroute                         | ✓ |
| • Host DNS Record                    | ✓ |
| • Mail DNS Record                    | ✓ |
| • TCP Dump                           | ✓ |
| • TCP Sessions                       | ✓ |
| • TCP Services                       | ✓ |
| • ARP Table                          | ✓ |
| • Policy Statistics                  | ✓ |
| • TCP Statistics                     | ✓ |
| • Analyze Log                        | ✓ |
| • Log Details                        | ✓ |
| <b>Administration:</b>               |   |
| • Factory Defaults (Rollback)        | ✓ |
| • Download/Upload of Configuration   | ✓ |
| • Printout of Configuration (PDF)    | ✓ |
| • Harddisk Free Space Indication     | ✓ |

Defzone firewall solutions.  
The speed of trust !