

# SANGFOR WANO

## SDW-W4500

### One-Step Connectivity and Optimization: Enjoy a LAN Speed on Your WAN

Sangfor WANO (WAN Optimization) is a connectivity and optimization solution providing seamless connectivity among data center, disaster recovery and public cloud features for multiple office locations or branches, enhancing both productivity and business continuity with a low WAN investment.

WANO SDW-W4500 is a desktop appliance for the enterprise small branches of ideal SD-WAN and WAN optimization solution.



All Pictures shown are for illustration purpose only. Actual Product may vary.

Performance & Capacity	SDW-W4500
Optimized WAN Bandwidth	10 Mbps
Optimized Connections	1000
VPN Throughput	120 Mbps
Max. Acceleration & VPN Branches	20
Traffic Shaping Throughput	40 Mbps

Hardware Specifications	SDW-W4500
RAM	2 GB
HD Capacity	64 GB
Profile	Desktop
System Dimensions (mm)	175*275*44.5
Power [Watt] (Typical)	22W
Temperature Range	0 °C ~ 40 °C
Relative Humidity	5%~95% noncondensing
System Weight	4.2Kg
Regulatory Compliance	CE, FCC

Network Interfaces	SDW-W4500
Bypass (Copper)	1
10/100/1000 Base-T	4
SFP	N/A
10G Fiber SFP	N/A
Serial Port	1
USB Port	2



All Pictures shown are for illustration purpose only. Actual Product may vary.

### Main Scenarios

#### 01 SD-WAN Branch Network Access

- Quickly build high speed connections from branches to data centers
- Hybrid WAN improves business reliability
- Internet VPN replaces MPLS network to increase bandwidth and reduce cost

#### 02 Production and Office Application Optimization Over MPLS/VSAT Link

- Application acceleration improves user application experience
- Data reduction increases link throughput and reduces bandwidth cost
- Link optimization improves link transmission efficiency

#### 03 DC-DR Data Backup and Recovery Optimization

- Reduce RTO/RPO, decrease potential loss and satisfy compliance requirements
- Reduce MPLS bandwidth cost

### Key Features

#### ① Deployment & Connectivity

- **Deployment mode:** Gateway, Bridge, Double bridge, Single arm, Double arm
- **Quick Deploy:** Email deploy integrated with Sangfor BBC, Hands-free mode
- **Connectivity:** Auto VPN, Sangfor VPN, IPSec VPN

#### ② Path Selection

- Policy-based routing, SD-WAN path selection, VPN tunnel bonding, Auto fail-over

#### ③ WAN Optimization

- **Application acceleration:** application proxy, TCP proxy, HTTPS optimization
- **Data reduction:** Byte cache, Dynamic compression, Pre-fetching
- **Link optimization:** High-speed transmission protocol (HTP), HTP-TCP, HTP-UDP

#### ④ Traffic Management

- **Access control:** Application control, HTTP URL filtering
- **Bandwidth control:** Guarantee tunnel, Limited tunnel

## Hardware Description

1. Management Console

2. USB ports

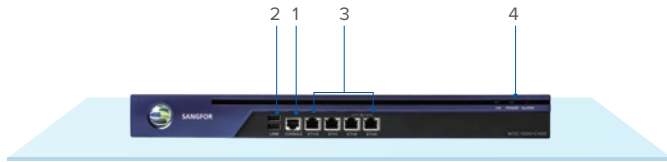
3. Line Interface

4. LED Indicators

5. Fan Trays

6. Power Switch

7. Power Outlet



All Pictures shown are for illustration purpose only. Actual Product may vary.

## WANO SDW-W4500 Ordering Guide

### DESCRIPTION

For more information on Sangfor' full range of support & services, please contact your local representative.

#### Sangfor WANO SDW-W4500 Hardware and Basic Software (Mandatory)

SDW-W4500, Sangfor Wide Area Network Optimization Controller Standard Packs, including Email deployment, Auto VPN, Path selection, Dynamic fail-over, VPN tunnel bonding, Access control, Bandwidth control, Web filtering, Basic Firewall Features, Real-time monitor, Centralized management and Report.

#### Sangfor WANO Acceleration Module (Optional)

SDW-W4500, Acceleration Permanent license (Byte Cache, Compression, Application proxy, Protocol optimization)

#### Sangfor WANO Mobile User (Optional)

Sangfor VPN software client user, 1 user PDLAN access;  
Portable Accelerator software client user, 1 user PACC access

#### Sangfor WANO SDK (Optional)

Sangfor SDK software subscription license for OBC cloud SD-WAN solution.

#### Sangfor WANO Care Service

SDW-W4500, WANO Software and Technical Support Service,  
WANO RTF, SDS, NBD and 24\*7\*4 Premium Hardware Service: 1 year, 2 years, 3 years or 5 years options.