

# SANGFOR WANO

## SDW-W6000

### 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-W6000 is a 2U 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-W6000
Optimized WAN Bandwidth	1.5 Gbps
Optimized Connections	100000
VPN Throughput	3 Gbps
Max. Acceleration & VPN Branches	10000
Traffic Shaping Throughput	5G Mbps

  

Hardware Specifications	SDW-W6000
RAM	48 GB
HD Capacity	1.92 TB
Profile	2U
System Dimensions (mm)	600*440*90
Power [Watt] (Typical)	332W Dual Power Supplies
Temperature Range	0 °C ~ 40 °C
Relative Humidity	5%~95% noncondensing
System Weight	20Kg
Regulatory Compliance	CE, FCC

Network Interfaces	SDW-W6000
Bypass (Copper)	2
10/100/1000 Base-T	4
SFP	N/A
10G Fiber SFP	4
Serial Port	1
USB Port	2



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#### 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



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## WANO SDW-W6000 Ordering Guide

### DESCRIPTION

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

#### Sangfor WANO SDW-W6000 Hardware and Basic Software (Mandatory)

SDW-W6000, 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-W6000, 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-W6000, 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.