



### Key Benefits:

- Provides LAN-like performance on the WAN
- Accelerates applications and optimizes the WAN
- Reduces IT costs
- Improves return on investment
- Provides configurable site-to-site encryption
- Improves ease of deployment

## WAN Optimization Platform

The WANJet® appliance is a symmetrically deployed WAN optimization device that delivers LAN-like application performance over the WAN. WANJet is based on the unique TMOS architecture, offering market leading performance and scalability, iControl development API, and iRules capabilities. WANJet operates at the session layer 5 of the OSI seven layer model.

For data centers, the WANJet 500 features pass-through fault tolerance and scalability for up to 20,000 optimized connections. For branch offices, the WANJet 300 combines pass-through fault tolerant features, silent operation, and performance for up to 1,000 optimized connections. WANJet solutions work seamlessly across all wide-area networks including dedicated links, IP VPNs, frame relay, and even satellite connections.

### WANJet Features

#### General

- TDR 2 and TDR 1 Transparent Data Reduction
- TCP optimization
- QoS traffic shaping
- Accelerates application performance up to 622 Mbps
- Reduces data transferred over WAN by up to 95%
- Optimizes all IP based traffic (HTTP, TCP, UDP, etc.)
- SSL encrypts traffic between appliances (site-to-site)
- Enables next-generation services such as VoIP
- Application proxy support for CIFS

#### High Availability

- Fail-to-Wire (automatic bypass if device is powered off or fails)
- Supports VRRP (RFC 3768) and HSRP (RFC 2281) network configurations

#### Deployment Modes

- In-Line (installed in data path between LAN switch and WAN router)
- One-Arm via WCCPv2 (single connection to switch or router)
- One-Arm via static IP policy routes (single connection to switch or router)
- On-LAN (single connection to a switch, deployed as a standard host)

#### Management

- Secure web-based user interface
- Secure remote access via HTTPS
- RADIUS authentication
- LCD Front Panel for initial configuration

#### Reporting

- Detailed for transmitted and received traffic reports
- Actual throughput and network capacity gains
- Customizable per hour, week, month, and year views
- Real time throughput and connection-count graphs
- All historical data exportable to Excel using CSV

#### Logging

- NetFlow
- Syslog

## Physical Specifications



Specifications	WANJet 300	WANJet 500
Optimized Connections	1000	20000
Optimized Throughput	Up to 10 Mbps	Up to 622 Mbps
Interfaces	1 WAN, 1 LAN, 1 Peer, 1 Management	1 WAN, 1 LAN, 1 Peer, 1 Management
Dimensions	44mm H x 429mm W x 382mm D (1.7" x 16.9" x 15") 1U industry standard rack-mount chassis	88.8mm H x 426mm W x 550mm D 3.5" x 16.7" x 21.6" 2U industry standard rack-mount chassis
Weight	6.5kg (14.33lbs.) per unit	14.0kg (30.87lbs.) per unit
Processor	Intel® LGA 775 Celeron Processor 2.9 GHz	Intel® Xeon Processor 3.2 GHZ
Power Supply	Full-range 250W ATX PSU	2 x 460W redundant hot-swappable power supplies
Input Voltage	100-240 VAC, +/- 10%	100-240 VAC, +/- 10%
Maximum Power Consumption	250W	460W
Maximum Heat Output	785 BTU/Hr	1570 BTUs
Network Interfaces	4 Gigabit Ethernet ports	4 Gigabit Ethernet ports
Bypass Function	LAN to WAN fail-to-wire Ethernet bypass	LAN to WAN fail-to-wire Ethernet bypass
Hard Drive Capacity	150GB 10K rpm 3.5" SATA hard drive	250 GB dual 3.5 hot swappable SATA hard drives ( one drive standard, second optional)
LCD Module	2 x 16 characters LCD display and 4-button keypad	LCD display and 4-button keypad
RAM	2 GB DDR	4 GB DDR
Compact Flash	8 GB	8 GB
Operating Temperature	5° to 40° C (41° to 104° F)	0° to 40° C (32° to 104° F)
Non-Operating Ambient Temperature range	-20° to +70° C (-4° to +158°) at a relative humidity of 20% to 90%	-40° to +70° C (-40° to +158° F) at a relative humidity of 5% to 95%
Relative Humidity	20% to 90% at 35° C (95° F)	5% to 95% at 40° C (104° F)
Hazardous Substance Compliance	RoHS compliant	RoHS compliant
Safety Agency Approval	CE/FCC/UL/CUL EMC: FCC Class B	CE/FCC/UL/CUL EMC: FCC Class B
Electromagnetic Emissions Certifications	FCC Part 15 Class A, EN 55022 Class A EN 55024, EN 61000-3-2, EN 61000-3-3	FCC Part 15 Class A, EN 55022 Class A EN 55024, EN 61000-3-2, EN 61000-3-3, VCCI Class A



### F5 Networks, Inc. Corporate Headquarters

401 Elliott Avenue West  
Seattle, WA 98119  
(206) 272-5555 Voice  
(888) 88BIGIP Toll-free  
(206) 272-5556 Fax  
www.f5.com  
info@f5.com

### F5 Networks Asia-Pacific

+65-6533-6103 Voice  
+65-6533-6106 Fax  
info.asia@f5.com

### F5 Networks Ltd. Europe/Middle-East/Africa

+44 (0) 1932 582 000 Voice  
+44 (0) 1932 582 001 Fax  
emeainfo@f5.com

### F5 Networks Japan K.K.

+81-3-5114-3200 Voice  
+81-3-5114-3201 Fax  
info@f5networks.co.jp