

LanPro LP-LB404 Quad WAN Load Balancer (Specification Sheet)

LPLB404_SS_ENB01W

Features

- Shares data and Internet access for Stations, connecting Internet through PPPoE on demand and disconnecting when idle.
- Supports TCP/IP, PPPoE, DHCP, ICMP, NAT, SNTP.
- Provides quad-bandwidth and supports Load Balancing.
- Backups connections automatically for each other.
- Specifies priority channels according to source or destination IP addresses, distributing flexibly Internet resource and services from different ISPs.
- Built-in NAT and DHCP server supporting static IP address distributing.
- Built-in firewall supporting IP address filtering, Domain Name filtering, and MAC address filtering.
- Supports Virtual Server, Special Application, and DMZ host.
- Supports UPnP, Static Routing, VPN pass-through.
- Supports connecting/disconnecting Internet on a specified time of day.
- Supports access control based on time of day, parents and network administrators can establish restricted access policies for children or staffs.
- Supports Flow Statistics.
- Supports ICMP-FLOOD, UDP-FLOOD, TCP-SYN-FLOOD filter.
- Supports web-based firmware upgrade.
- Supports Remote and Web management.
- Desktop steel case.



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The LanPro LP-LB404 high performance Quad WAN Load Balancer provides a fast, secure and reliable connection to the Internet. Using state of the art automatic redundancy and bandwidth load balancing technologies, it allows fast, secure and reliable Internet connectivity to all networked computers in home offices, small offices and small-to-medium sized organizations. With the four Internet broadband connections, the LanPro LP-LB404 ensures your network not only to remain connected to the Internet, but all Internet traffic is constantly managed reliably and securely even during periods of high traffic and heavy workloads. The LP-LB404 provides all normal settings of a broadband router, and features much more advanced functions, such as Port Mirror, Port VLAN, UPnP, VPN Pass-through, Firewall and System Log.

A very friendly configuration interface makes it easy to use and meet it's application in Enterprise, broadband users, campus, internet cafes and new usages.

A Technical Specifications.

Software Specification		
Standards and Protocols	IEEE 802.3, 802.3u, 802.3z, 802.3ab, 802.3x, 802.1x, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DNS.	
Basic Function	DHCP Server	
	DHCP Client	
	MAC Address Modify/Clone	
	VPN Pass-through	
	Static Routing	
	Dynamic DNS	
QoS	IP-Based QoS	
	Port Bandwidth Control	
	IP Connection Session Control	
	IP Bandwidth Control	
	Connection Session List	
Port Settings	Flow Statistics	
	LAN and WAN Port Setting	
Forwarding Rules	Virtual Server	
	Special Application	
	Static Routing	
	DMZ Host	
	UPnP	
Firewall Function	Firewall Rules Setting	
	MAC Address Filtering	
	Domain Name Filtering	
	IP/MAC Address Binding	
	Ignore Ping Packet From WAN Port	
	DoS Protection	
	Scan Protection	
	IP Packets Containing Options	
	Suspicious Package Detection	
System Function	Remote Management	
	System Log	
	Configuration File Uploading and Downloading	
	Web Upgrade	
	HTTPS Configuration	
New Dual-WAN Function	Flow Statistics	
	WAN Load Balancing	Bandwidth Occupancy
		WAN IP Tracing
	WAN Bandwidth Percentage Display	
	LAN IP Statistics	
	Detecting Online	ICMP Detecting
		DNS Detecting
TCP Connecting Test		

Hardware Specification		
Solution	Intel IXP Network Processor, Multi-CPU distributed processing, main frequency up to 533Hz.	
Ports	LAN	1 10/100M Auto-Negotiation RJ45 ports (Auto MDI/MDIX)
	WAN	4 10/100M Auto-Negotiation RJ45 ports (Auto MDI/MDIX)
	1 Console (RS232 DB9 Male)	
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)	
LED Indicators	LAN/WAN	Link/Act, 100Mbps
	Else	Power, M1, M2
Dimensions(W*D*H)	11.6* 7.1*1.7 in.(294*180*44 mm)	
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing	
Power and Consumption	Input: 100-240VAC; 50/60Hz Consumption: 4.1W (Max)	

B How to Order

LP-LB404