LP-NC1 Network Access Controller.

LPNC1_SS_ENB01W

LP-NC1
Network Access Controller.

The LanPro LP-NC1 is a Network Access Controller, specially designed for wired and wireless data network environments in small to middle scaled businesses.

It features integrated management and secured data transmission and, at the same time, ensures a mobile and efficiently productive working environment. System administrators can effectively monitor wired or wireless users, including employees and guest users via its user management interface.

The LanPro LP-NC1 performance is that of a powerful network controller but at a very reasonable cost.

A Specifications.

Hardware Specification.

General	•Form Factor: Mini-desktop. •Dimensions (W x D x H): 243 mm x 150 mm x 45.5 mm. •Weight: 1.4 Kg. •Operating Temperature: 0 ~ 45 _ •Storage Temperature: 0 ~ 65 _ •Power: 110~220 VAC, 50/60 Hz. •Ethernet Interfaces: 10 x Fast Ethernet (10/100 Mbps).	Connectors & Display	•WAN Ports: 2 x 10BASE-T/100BASE-TX RJ-45. •LAN Ports: 8 x 10BASE-T/100BASE-TX RJ-45. •Console Port: 1 x RJ-11. •LED Indicators: 1 x Power, 1 x Status, 2 x WAN, 8 x LAN.

Technical Specification.

Networking	•Supports Router, NAT mode.		Monitoring and Reporting	•Status monitoring of on-line users. •IP-based monitoring of network devices. •WAN connection failure alert. •Syslog support for diagnosing and troubleshooting. •User traffic history logging.
	•Supports Static IP, DHCP, PPPoE on WAN interface.			
	•Configurable LAN ports authentication.			
	•Supports IP Plug and Play (IP PnP).			
	•Built-in DHCP server and supports DHCP relay.			
	•Supports NAT:	1. IP/Port Destination Redirection. 2. DMZ Server Mapping. 3. Virtual Server Mapping.	Accounting and Billing	•Support for RADIUS accounting, RADIUS VSA (Vendor Specific Attributes). •Built-in billing profiles for on-demand accounts. •Enables session expiration control for on-demand accounts by time (hour) and data volume (MB). •Provides billing report on screen for on-demand accounts. •Traffic history report in an automatic email to administrator.
	•Supports static route.			
	•Supports Walled Garden (free surfing zone).			
	•Supports MAC Address Pass-Through.			
	•Supports HTTP Proxy.			
Security	•Supports data encryption: WEP (64/128-bit), WPA, WPA2. •Supports authentication: WPA-PSK, WPA2-PSK, IEEE 802.1x (EAP-MD5, EAP-TLS, CHAP, PEAP). •Supports VPN Pass-through (IPSec and PPTP). •Supports DoS attack protection. •Supports user Black List. •Allows user identity plus MAC address authentication for local accounts.			
User Management	•Supports up to 120 concurrent users for LANPRO LP-NC1.			
	•Provides 500 local accounts for LANPRO LP-NC1.			
	•Provides 2000 on-demand accounts.			
	•Simultaneous support for multiple authentication methods (Local and On-demand accounts, POP3(S), LDAP, RADIUS, NT Domain).		System Administration	•Multi-lingual, web-based management UI. •SSH remote management. •Remote firmware upgrade. •NTP time synchronization. •Backup and restore of system configuration.
	•Role-based and policy-based access control (per-role assignments based on Firewall policies, Routing, Login Schedule, Bandwidth).			
	•Customizable login and logout portal page.		**Hardware Installation**	
	•User Session Management:	1. SSL protected login portal page. 2. Supports multiple logins with one single account. 3. Session idle timer. 4. Session/account expiration control. 5. Friendly notification email to provide a hyperlink to login portal page. 6. Windows domain transparent login. 7. Configurable login time frame.	System Requirements	•Standard 10/100BaseT network cables with RJ-45 connectors. •All PCs need to install the TCP/IP network protocol.
			Package Contents	•LANPRO LP-NC1 x 1. •CD-ROM (with User's Manual and QIG) x 1. •Quick Installation Guide x 1. •DC 12V Power Adapter x 1. •Ethernet Cable x 1. •Console Cable x 1.

B How to order

LP-NC1 Network Access Controller.