WE MAKE NETWORKING EASY!





NIVEO PROFESSIONAL WIRELESS & ROUTER

NWA3000

11ax Wifi 6 3000Mbps wireless access point

NWAC128

Multi-WAN VPN Router with Wireless AP (128) Access Controller with cloud management

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WE MAKE NETWORKING EASY!

NWA3000

The NWA3000 is high RF power, high speed, high performance Wi-Fi6 ceiling wireless access point that supports AP, router and Easy mesh modes.

With up to 3000Mbps data rate, it support 802.1kvr seamless roaming, up to 150 users access.
The AP offers Mesh, Vlan and can operate stand-alone or with the NWAC128 AC controller.

- Ceiling mounted design, high power amplifier design with 1000mW RF power, unobstructed signal, more wireless range and stable wireless connections.
- Supports Easy Mesh, easy to expand the wireless network, achieve better wireless coverage
- Supports WPA3 and 802.1x advance encryption, guard wireless network security all the time

SPECIFICATIONS

WiFi Standard	IEEE 802.11b/g/n/ac/ax
Flash	8MB_SPI_NOR Flash+128MB_SPI_L NAND Flash
Memory	512MB
Frequency	2.4G: 2400 – 2483,50MHz
	5G: 5150-5350MHz / 5470-5875MHz
Data Rate	600Mbps @ 2.4GHz; 2400Mbps @5.GHz
RF Power	2.4G ≤ 20dBm
	5G: 5150-5350MHz / 5470-5725MHz ≤ 23dBm 5725-5875MHz ≤ 13.;
Access Users	150+ Clients
Ethernet	1*2.5G WAN, PoE Input, RJ-45;
Button	Reset button
LED Indicator	SYS （Green）
	2.4G （Green）

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	5.0G（Green）
Operation mode	AP, router and mesh
Wireless Functions	Multiple SSID functions: 2.4GHz: / 5GH.
	hidden SSID
	seamless roaming, 802.11kvr standard.
	Support 5G Prior for a faster Ethernet.
	Support MAC filter, IP filter
VPN	Open VPN and VPN Client (L2TP PPTP), IPSec
Firewall	Port mapping, Host mapping, DMZ, access control,
Security	Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP, 802.1x, WPA3
Authentication	Captive portal authentication, Billing, PPPoE authentication, WiFidog authentication, CMCC portal, Radius server, LDAP server, SMS authentication;
IP Protocol	IPv4/IPv6
SD-LAN	In combination with AC controller
AP management	AP group, RF adjusting, network topology generate, RF power setting, channel setting, IP address setting
Device Management	GUI web management
	AC controller central and remote management
	Cloud central and remote management
	Support firmware back-up, restore, reset, upgrade

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NWAO3000

The NWAO3000 is high RF power, high speed, high performance Wi-Fi6 Outdoor IP67 access point that supports AP, router and Easy mesh modes.

With up to 3000Mbps data rate, it support 802.1kvr seamless roaming, up to 150 users access.
The AP offers Mesh, Vlan and can operate stand-alone or with the NWAC128 AC controller.

- Outdoor IP67 enclosure with high-power RF amplification supports extended wireless coverage.

- Supports Easy Mesh, easy to expand the wireless network, achieve better wireless coverage
- Supports WPA3 and 802.1x advance encryption, guard wireless network security all the time

SPECIFICATIONS

WiFi Standard	IEEE 802.11b/g/n/ac/ax
Flash	8MB_SPI_NOR Flash+128MB_SPI_L NAND Flash
Memory	512MB
Frequency	2.4G: 2400 – 2483,50MHz
	5.8G: 5150 - 5850MHz
Data Rate	600Mbps @ 2.4GHz; 2400Mbps @5.0GHz
RF Power	2.4G 11b≤20dBm/chain, 11n HT20≤24dBm/chain, 11ac HT40≤23dBm/chain, 11ax HT40≤17dBm/chain
	5.8G 11n≤26 dBm/chain; 11ac≤23 dBm/chain; 11ax≤18 dBm/chain;

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Access Users	150+ Clients
Ethernet	1 × 2.5GbE RJ45, PoE input
Button	Reset button
LED Indicator	SYS （Green）
	2.4G （Green）
	5.0G （Green）
Operation mode	AP, router and mesh
Wireless Functions	Multiple SSID functions: 2.4GHz: 8; 5.0GHz: 8.
	hidden SSID
	seamless roaming, 802.11kvr standard.
	Support 5G Prior for a faster Ethernet.
	Support MAC filter, IP filter
VPN	Open VPN and VPN Client (L2TP PPTP), IPSec
Firewall	Port mapping, Host mapping, DMZ, access control,
Security	Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP, 802.1x, WPA3
Authentication	Captive portal authentication, Billing, PPPoE authentication, WiFidog authentication, CMCC portal, Radius server, LDAP server, SMS authentication;
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AP management	AP group, , network topology generate, IP address setting
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NWAC128

The NWAC128 combines an Enterprise Gateway function, VPN router technology with an advanced AC controller functionality. Beyond epic, it supports up to 128 access points.



Industrial gateway

The NWAC218 supports PPPoE/DHCP/Static IP access.
It offers

- multiple Gigabit WAN ports,
- load balancing,
- Ethernet backup,
- Network overlay
- SD-WAN

VPN client and VPN server support

The NWAC128 supports multiple VPN protocols:

- L2TP
- PPTP
- IPSec
- OpenVPN

Multiple authentication

The highly advanced NWAC128 features multiple authentication modes, such as captive portal authentication, SMS authentication and 3rd party Radius authentication.

Cloud management and SD-WAN

The router offers cloud access for remote management to manage this router and the connected wireless AP.

AP Controller

Intelligent channel analyzer

The NWAC128 has a built in intelligent channel analyzer, allowing the wireless AP's to detect and analyze the Wi-Fi channels and select the channel with least interference and achieve the most stable wireless coverage.

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Automatically IP addresses

The NWAC128 features a built-in DHCP server, which automatically assigns IP addresses to wireless AP, avoids the IP address conflicts and saves labor configuration costs.

SPECIFICATIONS

Protocol	IEEE 802.3, 802.3u, 802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS, IPsec, PPTP, L2TP
DDR3	512MB
Flash	128M
Ports	5 × 10/100/1000Mbps LAN ports (can set to WAN port)
	1 × 10/100/1000/2500Mbps WAN port
Power	AC:100-240V,50HZ
Dimension	284mm*178mm*44mm
Working Temperature	-20℃~50℃
Storage Temperature	-40℃ ~ 70℃
Working Humidity	5% ~ 90% RH (No condensation);
Firmware features	*5.8G≤21 dBm/chain*
Status showing	System Status/Interface Status/Interface Historical Traffic/Network Analysis/DHCP List/Online Users
AP Management	Max to manage 128PCS wireless AP
	Centrally and remotely to manage/configure wireless AP
	QoS limited for SSID
Network	WAN: PPOE/Static IP/Dynamic Acquisition/PTPP
	LAN: Port isolation, port based IP address segment configuration, DHCP server IP group/static routing/port mapping/network diagnostics/multi WAN load/static IP allocation
	Multiple WAN port up to 4
Smart Flow Control	No-configuration intelligent flow control
Button	Powerful multi-line diversion
LED Indicator	Application Priority Automatically
Load Balance	Multiple WAN, multiple ISP network access
	Intelligence load balance
	Ethernet line backup
Antenna	Ethernet overlay
Power Consumption	Policy routing: based on IP address, destination IP address, source MAC address, network port, domain, destination port, Extranet port, Identity binding

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DC Power Supply	Protocol binding
Working temperature	Online detection
Behavior Management	All-round to block P2P firmware
Dimensions	P2P flow control and bandwidth allot
Operation mode	File and URL filter
Wireless Functions	Monitor network behavior at all times
VPN	L2TP, PPTP, OpenVPN, IPSec
Bandwidth limitation	IP-based bandwidth limitation
	Safeguard / Restrict bandwidth
	Time strategy
VPN	IP based session restriction
Security Center	MAC address filter
Security	UPR/key words filter
Authentication	Web content filter
IP Protocol	IP address filter
SD-LAN	Port mapping
AP management	DMZ
Defense Center	TCP/UDP/ICMP flood defense
	Block TCP scanning
	Block ping WAN port
ARP Detection	Send GARP packets
	ARP Scanning on WAN/LAN port
	Online detection
	IP-MAC binding
Authentication	Portal auth; 3rd Radius billing auth; SMS auth;
Management	Web management
	Remote management

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WHO IS NIVEO PROFESSIONAL?

- Manufacturer of AV-Centric Networking Equipment
- Pioneer in the AV-Industry
- ***** 20 Years of AV-Centric Innovation!
- Support around the globe, Delivery around the globe

WE MAKE NETWORKING EASY!



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Olympia 2D, 1213NT, Hilversum, The Netherlands |
☎+31 (0) 85 060 4566 | ✉ ___
💻 www.niveoprofessional.com