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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



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

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

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	5.0G (Green)
<i>Operation mode</i>	AP, router and mesh
<i>Wireless Functions</i>	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
<i>VPN</i>	Open VPN and VPN Client (L2TP PPTP), IPsec
<i>Firewall</i>	Port mapping, Host mapping, DMZ, access control,
<i>Security</i>	Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP, 802.1x, WPA3
<i>Authentication</i>	Captive portal authentication, Billing, PPPoE authentication, WiFidog authentication, CMCC portal, Radius server, LDAP server, SMS authentication;
<i>IP Protocol</i>	IPv4/IPv6
<i>SD-LAN</i>	In combination with AC controller
<i>AP management</i>	AP group, RF adjusting, network topology generate, RF power setting, channel setting, IP address setting
<i>Device Management</i>	GUI web management
	AC controller central and remote management
	Cloud central and remote management
	Support firmware back-up, restore, reset, upgrade



NWA3000

The NWA3000 is high RF power, high speed, high performance Wi-Fi6 Outdoor IP67 access point that supports AP, router and Easy mesh modes.

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<i>Flash</i>	8MB_SPI_NOR Flash+128MB_SPI_L NAND Flash
<i>Memory</i>	512MB
<i>Frequency</i>	2.4G: 2400 – 2483,50MHz
	5.8G: 5150 – 5850MHz
<i>Data Rate</i>	600Mbps @ 2.4GHz; 2400Mbps @5.0GHz
<i>RF Power</i>	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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<i>Access Users</i>	150+ Clients
<i>Ethernet</i>	1*2.5G WAN, PoE Input, RJ-45;
<i>Button</i>	Reset button
<i>LED Indicator</i>	SYS (Green)
	2.4G (Green)
	5.0G (Green)
<i>Operation mode</i>	AP, router and mesh
<i>Wireless Functions</i>	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
<i>VPN</i>	Open VPN and VPN Client (L2TP PPTP), IPsec
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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.

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

<i>Protocol</i>	IEEE 802.3, 802.3u, 802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS, IPsec, PPTP, L2TP
<i>DDR3</i>	512MB
<i>Flash</i>	128M
<i>Ports</i>	5 × 10/100/1000Mbps LAN ports (can set to WAN port) 1 × 10/100/1000/2500Mbps WAN port
<i>Power</i>	AC:100-240V,50HZ
<i>Dimension</i>	284mm*178mm*44mm
<i>Working Temperature</i>	-20°C~50°C
<i>Storage Temperature</i>	-40°C ~ 70°C
<i>Working Humidity</i>	5% ~ 90% RH (No condensation);
<i>Firmware features</i>	5.8G≤21 dBm/chain
<i>Status showing</i>	System Status/Interface Status/Interface Historical Traffic/Network Analysis/DHCP List/Online Users
<i>AP Management</i>	Max to manage 128PCS wireless AP Centrally and remotely to manage/configure wireless AP QoS limited for SSID
<i>Network</i>	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
<i>Smart Flow Control</i>	No-configuration intelligent flow control
<i>Button</i>	Powerful multi-line diversion
<i>LED Indicator</i>	Application Priority Automatically
<i>Load Balance</i>	Multiple WAN, multiple ISP network access Intelligence load balance Ethernet line backup
<i>Antenna</i>	Ethernet overlay
<i>Power Consumption</i>	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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<i>DC Power Supply</i>	Protocol binding
<i>Working temperature</i>	Online detection
<i>Behavior Management</i>	All-round to block P2P firmware
<i>Dimensions</i>	P2P flow control and bandwidth allot
<i>Operation mode</i>	File and URL filter
<i>Wireless Functions</i>	Monitor network behavior at all times
<i>VPN</i>	L2TP, PPTP, OpenVPN, IPSec
<i>Bandwidth limitation</i>	IP-based bandwidth limitation
	Safeguard / Restrict bandwidth
	Time strategy
<i>VPN</i>	IP based session restriction
<i>Security Center</i>	MAC address filter
<i>Security</i>	UPR/key words filter
<i>Authentication</i>	Web content filter
<i>IP Protocol</i>	IP address filter
<i>SD-LAN</i>	Port mapping
<i>AP management</i>	DMZ
<i>Defense Center</i>	TCP/UDP/ICMP flood defense
	Block TCP scanning
	Block ping WAN port
<i>ARP Detection</i>	Send GARP packets
	ARP Scanning on WAN/LAN port
	Online detection
	IP-MAC binding
<i>Authentication Management</i>	Portal auth; 3rd Radius billing auth; SMS auth;
	Web management
	Remote management

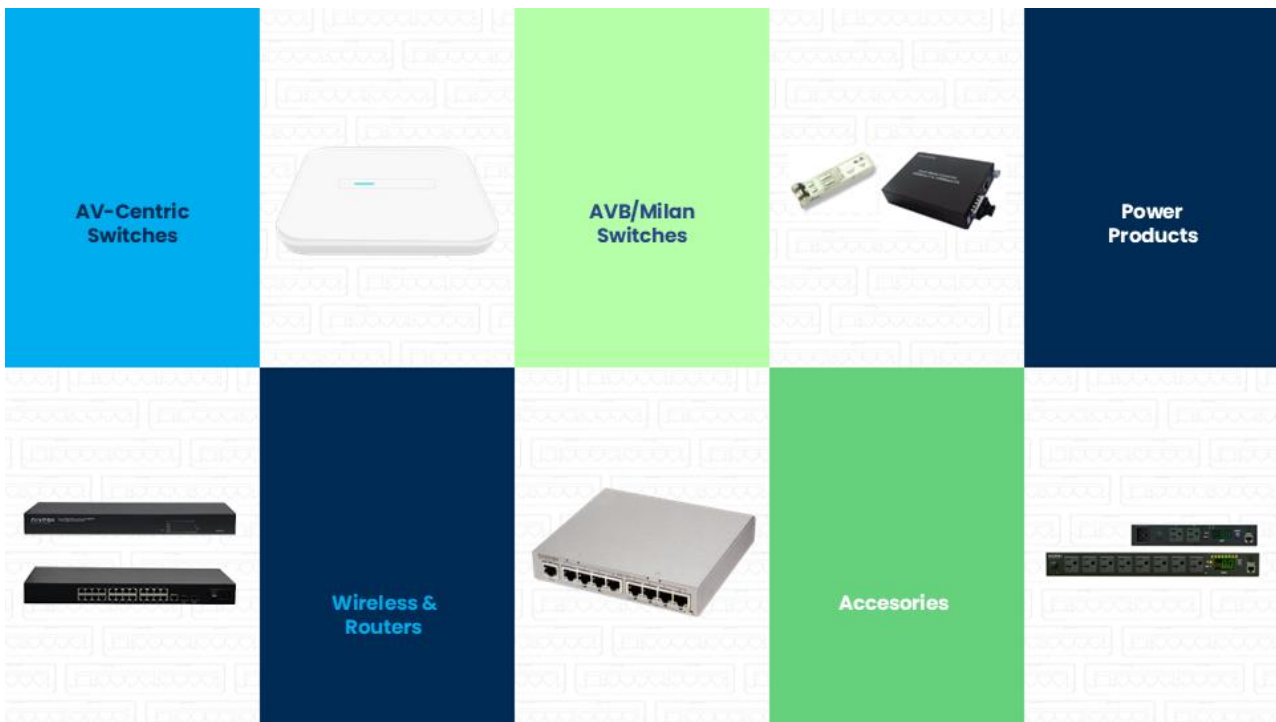
niveo



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**

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Niveo Professional

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