

Brand	Type	Picture	Employable with indicator	Internal/ External	Wireless LAN interface	Network protocols	Security	Management and control	Drivers	Architecture	Power	Environmental	Certifications/Standards	IP-grade housing	Serial interface	Networking capabilities
Lantronix	xPico		3100N/3100N2 medio Q2 2016 also available for 2100NU and IT3000/IT8000	Internal (3100N/3100N2/2100NU) external (IT3000/IT8000)	IEEE 802.11 b/g and IEEE 802.11n (single stream) WLAN interface (2.4 GHz only), WPS 2.0 support,IEEE 802.11 d/h/i/j/k/w/r	TCP/IP, UDP/IP, DHCP, ARP, ICMP, DNS, sNMPv1, TFTP	WPA/WPA2: IEEE 802.11i , 256-bit AES Encryption	Web Server - Landing Page, CLI (Serial Monitor Port), Telnet, XML import and Export (XCR), Field upgradable firmware (OTA)	DeviceInstaller software for Windows 98/NT/2000/XP/Vista	ARM Cortex M3 class processor with on-chip Flash and SRAM, 1MB Flash and 128 KB SRAM, SPI Flash stores	Input Voltage: 3.3VDC,standby power consumption 20µA , TX power consumption max. 380mA, typical 230mA ~330mA (depending on chosen Wireless protocol), RX power consumption typical 125mA	Operating Temperature: -40° to +85° C, Relative Humidity: 5% to 95% non-condensing	FCC Class B, UL and EN EMC and safety compliant	internal: IP-grade housing, external: IP65	Two Serial CMOS Ports (3.3V, 5V tolerant), 300 to 921.6 Kbps, Flow control XON/XOFF, RTS/CTS (SPort 1 only), Lantronix tunneling application, ModBus TCP, Modbus ASCII, Modbus RTU	Soft Access Point with DHCP Server, Lantronix SmartRoam™ Technology continually tracks Wi-Fi signal strength within range, along with preauthentication and caching resulting in smooth and automatic transition to access points without delay, QuickConnect: Dynamic Profiles facilitate easy and rapid connections to access points
Lantronix	Premier Wave		TOUCH	Internal	IEEE 802.11a/b/g/n	ARP, UDP, TCP, Telnet, ICMP, SNMP, DHCP, BOOTP, HTTP, TFTP	IEEE 802.11i Encryption: AES-CCMP and TKIP, Security suite: WEP (64-bit, 128-bit), WPA , WPA2 , Authentication: PSK, EAP (EAP-TLS, EAP-TTLS, EAP-FAST, EAP-PEAP)	Serial login, Telnet login, Internal WebManager (SSL option for secure login), Enterprise CLI (over serial ports, Telnet or SSH), XML configuration records via CLI or FTP, DeviceInstaller software	DeviceInstaller software for Windows 98/NT/2000/XP/Vista	ARM9 Core 32-bit processor 400MHz, 64Mbyte SDRAM, 64Mbyte NAND Flash	max. 577mA @ 3.3V, typical 491mA, standby 154mA	Operating Temperature: -40° to +85° C, Relative Humidity: 5% to 95% non-condensing	FCC Class B, UL and EN EMC and RoHS and REACH compliant	depending on indicator housing specifications	Two UART-CMOS level signals (3.3V), 300 to 921.6 Kbps	
MOXA	NPORT W2150A		2100NU/3100N/3100N2/IT3000/IT8000/TOUCH	external	IEEE 802.11a/b/g	ICMP, IP, TCP, UDP, DHCP, Telnet, DNS, SNMP, V1/V2c/V3, HTTP, SMTP, SNMP, SSH, HTTPS	• WEP: 64-bit/128-bit data encryption, • WPA , WPA2 , 802.11i: Enterprise mode and Pre-Share Key (PSK) mode, • Encryption: 128-bit TKIP/AES-CCMP EAP-TLS, PEAP/GTC, PEAP/MDS, PEAP/MSCHAPV2, EAP-TTLS/PAP, EAP-TTLS/CHAP, EAP-TTLS/MSCHAP, EAP-TTLS/MSCHAPV2, EAP-TTLS/EAP-MSCHAPV2,EAP-TTLS/EAP-GTC, EAP-TTLS/EAP-MDS, LEAP	SNMP MIB-II	Linux Real TTY Drivers: 2.4.x, 2.6.x, 3.x, Windows Real COM Drivers: Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8 x86/x64, 2012 x64, Embedded CE 5.0/6.0, XP Embedded	Not mentioned	•Power input: 12 to 48 VDC, •Power Consumption: 237 mA@12V	Operating Temperature: 0 to 55°C (32 to 131°F), 5 to 95% RH, Storage Temperature: -20 to 85°C (-4 to 185°F), 5 to 95%RH	EMC: CE: EN55022 Class A/EN 55024, ETSI EN 301 489-17, ETSI EN 301 489-1 FCC: FCC Part 17 Subpart B, Class A, FCC Part 15 Subpart B, Class A, Safety: UL: UL60950-1, LVD: EN 60950-1 DSPR: ARIB-STD 33, ARIB-STD 66	built in IP65 housing	RS-232/422/485 (DB9 male connector), Off-line port buffering: 20MB	
ACKSYS	WLg-xROAD-s		2100NU/3100N/3100N2/IT3000/IT8000/TOUCH	external	IEEE 802.11 a / b / g /h WiFi radio (2.4 / 5 GHz)	TCP Client/Server, DHCP Client, TELNET RFC2217 extension, Telnet Server, COM port re director (VIP), multipoint or point to point virtual link over UDP modes and MODBUS/TCP,Client/Server, MODBUS/RTU & MODBUS/ASCII protocols, direct communication (ad hoc) or from access point	64/128 bits WEP , WPA -PSK, WPA2 -PSK, IEEE 802.1x (RADIUS)		Windows, Linux, UNIX as well as any operating system supporting TCP/IP	ATHEROS's AR5414 (AR5006XS)	+9VDC to +50VDC, 3.5 Watts typical	Operating temperature: -25°C to +70°C, storage temperature: -40°C to +80°C, Humidity: 0% to 99% (non-condensing)	MIL-STD-810F methods 514.5 & 516.5 (shocks & vibrations), IP65 seal rating EN 301489-17 & EN 61000-6-2 (CEM), UTAC E2	IP65	Serial RS232 / RS422 / RS485 full duplex up to 250 Kbps (DB9 male connector)	