



PN-CPP-A-1422 Pronto Service Controller™

TECHNICAL SPECIFICATIONS



Wireless	
Standard	2.4GHz unlicensed ISM radio band
Frequency band	2.4 – 2.4835GHz
Wireless LAN	802.11 b/g
Data rate	54Mbps with fallback rates of 11, 5.5, 2, and 1M bps
Power output	30 mW-100 mW ⁽¹⁾
Range	300 feet ⁽²⁾
Antenna	One antenna connected to internal mini-PCI card
Physical Specification	
Dimension	8.25" x 5.825" x 1.375"
Weight	1 lb
Operating Environment	
Operating temperature	0 to 55°C
Operating humidity	5 to 95%, non-condensing
Hardware Features	
CPU	iXp420/266 MHz, strongARM based
Memory	64 MB
Flash ROM	16 MB
Power Supply	
Type	External AC 100 to240VAC 60/50 Hz /DC converter 12vDC/1.5A
Interfaces	
• 1 x 10/100 Mbps Ethernet ports for WAN connection	• 9 pin serial port
• 4 x 10/100 Mbps Ethernet ports for LAN connections	•
Key Features	
• IEEE 802.11b Access Point and Router	• Roaming with iPass, GRIC and Boingo
• External AP support	• Customizable web portal, XML support
• Bandwidth management / QoS controls	• Multiple SSID support
• Subnet Roaming	• Inter-WISP roaming
• Remote management via SOAP/HTTPS, CLI (Telnet), SNMP and Alert notification	• Zero Configuration and Auto Authentication for clients with URL preservation
Networking	
• SMTP redirection	• Internet uplink media (cable, DSL, satellite, leased lines)
• DNS redirection	• QoS support (policy-based)
• DHCP server and client	• ICMP
• NAT (RFC 1631) with port forwarding	• ARP
• Edge Network (DHCP, static IP)	• DMZ port
• Internet uplink (DHCP, PPPoE, static IP) with auto detection IP multicast	
Security	
• IPsec IKE X.509 authentication	• VPN pass-through (IPsec/PPTP/L2TP)
• Secure HTML login page (SSL)	• 64/128 bit RC4 WEP
• IP Routing with NAT, port forwarding, firewall filters	• 802.1x security
Management	
• Plug-n-play device (minimal configuration required in field)	• Transparent network connectivity for users regardless of static IP or DHCP
• Web-based management via OSS	• User traffic accounting
• Command Line Interface (CLI)	• MIB II with traps
• Scheduled configuration upgrades from central server	• Syslog message system
• Remote web-based firmware upgrades	• LAN Printer support
• Real-time session list	• SNMP support
• Idle user monitoring	
User Authentication and Accounting	
• Login page based authentication	• Logout window timer control
• MAC Id-based authentication	• User monitoring (including with personal firewall)
• Radius authentication	• SMS authentication
• LDAP authentication	• Both time and data based accounting
Local Services Presentation	
• Customized login page	• Walled garden
Regulatory Approvals	
• FCC Part 15, Part A & B	• CE Mark
Throughput (bi-directional)	
60 Mbps at 64 byte packet size, 65 Mbps at 1500 byte packet size	
Warranty	
• 1 year parts and labor	

⁽¹⁾ Default power output of the PSC is 30mW. Option to increase this range is also provided.

⁽²⁾ Good signal strength if the user is within this range.