# PN-CPP-1422-GN    Pronto Service Controller™

## TECHNICAL SPECIFICATIONS

| **Physical Specification** | |
|---|---|
| Dimension | 150mm x 215mm x 20mm (HxWxD) |
| Weight | 300 gms |

| **Operating Environment** | |
|---|---|
| Operating temperature | 0°C to 40°C |
| Operating humidity | 5% to 90% Non condensing |

| **Hardware Features** | |
|---|---|
| CPU | 24K 384MHz MIPS based |
| Memory | 64 MB |
| Flash ROM | 8 MB |

| **Power Supply** | |
|---|---|
| Type | 9vDC – 1000mA |

| **Interfaces** | |
|---|---|
| • 1 x 10/100 Mbps Ethernet ports for WAN connection | • 9 pin serial port |
| • 4 x 10/100 Mbps Etherent ports for LAN connections | • 1 high speed USB port |

| **Key Features** | |
|---|---|
| • Bandwidth management / QoS controls | • Customizable web portal, XML support |
| • Subnet Roaming | • Access control list (ACL) |
| • Remote management via SOAP/HTTPS, CLI (Telnet, SSH), SNMP and Alert notification | • Zero Configuration and Auto Authentication for clients with URL preservation |
| • Roaming with iPass, GRIC and Boingo | • Inter-WISP roaming |
| • Supports upto 100 concurrent users. | • Provides support for USB based 3G / CDMA / 4G Datacard |

| **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 | • Support for layer 3 networking |

| **Security** | |
|---|---|
| • IPSec IKE X.509 authentication | • VPN pass-through (IPSec/PPTP/L2TP) |
| • Secure HTML login page (SSL) | • Supports WPA, WPA2 |
| • IP Routing with NAT, port-forwarding, firewall filters | |

| **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 Pronto OSS and local webconfig | • 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 | • Packet capturing tool for debugging |
| • Support for Remote Web Console (RWC) | • CALEA-Ability to capture Internet packets traversing the network and  route it to law enforcement agencies. |

| **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) | |
|---|---|
| • Upload - 20 Mbps at 8 KB packet size<br>• Download - 20 Mbps at 8 KB packet size | |

| Optional Wireless Interface | |
|---|---|
| Standard | 2.4GHz unlicensed ISM radio band |
| Frequency band | 2.4 – 2.4835GHz |
| Wireless LAN | 802.11 b/g/n |
| Data rate | 1. IEEE 802.11b with fallback rates of 11, 5.5, 2, 1Mbps |
| | 2. IEEE 802.11g with fallback rates of 54,48,36,24,18,12,9,6 Mbps |
| | 3. IEEE 802.11n - 150 Mbps in 20 MHz mode |
| Power output | 30mW - 100mW |
| Range | 300 feet free space |
| Antenna | Two 5dBi fixed antenna |

| Warranty | |
|---|---|
| • 90 days | |