



netCommander™ NPC-88T/NPC-8801T/NPC88G2T **Remote Power Reboot Management & RS-232 Console Server system**

- 8 User Console Ports
- 8 Power Outlets
- Current Draw Monitor
- Telnet
- HTTP/HTTPS Browsing
- POP3/SMTP
- SNMP/Trap
- Auto Ping & Reboot
- Modem Interface
- Environment Temp. P
- Security
- Local control



Optional Digital Temperature Probe

NPC-88 are integrated with remote power reboot, AC current monitoring (optional) and RS-232 serial console access management system. It makes your system development and diagnosis job easier.

RS-232 Server - Transparently transmitting data bi-directionally, the device can connect one of eight serial ports from your equipment via TCP/IP networks. Tenet or local Terminal (via Master Serial Port).

Power Reboot - The eight power outlets are fully controlled via Telnet, Web, SNMP, emailing, local or via external Modem. The AutoPing feature enables the device to constantly monitor an IP address for a remote system and executes power reboot whenever the system is down. Each outlet has its own thread of AutoPing operation. In addition, each power outlet can be programmed to turn on/off periodically or be scheduled per calendar and clock.

Current Draw Monitoring (NPC-8801T) - It constantly collects aggregated True RMS current data from all power outlets. The current status is viewed from a web browser, Telnet terminals or SNMP object viewer. Alarm messages and TRAP messages will be sent or logged to a local file on the unit, if current draw passes user defined threshold.

For Demo:

<http://www.synaccess-net.com/remote-power.php/2/5>

For list of commands for user Telnet or programming interface:

<http://synaccess-net.com/downloadDoc/npcCmdList.txt>

For MIB object file:

www.synaccess-net.com/downloadDoc/mib10.txt

For Quick Startup Manual:

<http://synaccess-net.com/downloadDoc/NPCStartup.pdf>

Features:

- Standard 19"/1U shelf chassis, 6" in depth.
- Handles AC current up to 15A/30A @120VAC, 10A/20A @220 VAC.
- Eight power outlets and eight RS232 user console ports. Each power outlet and each console port is user name password protected.
- One RS232 Master Service port and one 10/100 base-T RJ45 Ethernet port.
- Transparently communicating to each of eight user serial port via telnet or local Master serial port. One active user port at the time.
- Current Draw Monitoring (NPC8801T) for user to view AC current draw from all power outlets. It includes settings for user defined alarm threshold, alarm methods (Emails, TRAP, data log) and alarm message sending intervals.
- Weekly or any time scheduling for outlet switching controls.
- Telnet accessibility for user or programming.
- Embedded HTTP/HTTPS Web server for user to easily change settings, view or alter system status.
- Integrated SNMP agent and Trap notification capability.
- POP3/SMTP for sending and receiving emails. Via Emails, users are able to send commands, such as power reboot, or interact with user equipment.
- Dial-up modem connection via local serial port.



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Remote Power Reboot Management & RS-232 Console Server system

System Specifications

Item	NPC-8801T with AC Current Monitoring	NPC-88T	NPC-88G2T
Power Input	15 Amps Max @ 120VAC 13 Amps Max @ 220VAC	15 Amps Max @ 120VAC 13 Amps Max @ 220VAC	30 Amps Max @ 120VAC 20 Amps Max @ 220VAC
Voltage Range	110VAC (Also Support 220VAC)		
Power Connector	1 Power Cord	1 Power Cord	2 Power Cords
AC Output Outlet	8	8	8
AC Current Draw Monitoring	True RMS current from all circuits.	None	
Outlet Type	NEMA 5-15		
Environment Temperature Port	Yes.		
Total Load (Combine all AC outlets)	15 Amps Max @ 120VAC 13 Amps Max @ 220VAC	15 Amps Max @ 120VAC 13 Amps Max @ 220VAC	30 Amps Max @ 120VAC 26 Amps Max @ 220VAC
Physical Dimensions	19” X 1.6” X 6.25” (19”-1U)		
Console Interface – Local Master Port	1 Master Serial Port DB9F . Data: 8 bits. Stop Bits: 1 . Parity: none. Flow Control:. none. Baud Rate: 2400 to 115200.		
Console Interface – User Console Ports	8 RS232 Ports. RJ-45 Connector type. Data: 8 bits. Stop Bits: 1 . Parity: none. Flow Control:. none. Baud Rate: 2400 to 115200..		
Network Interface	10/100 Based T. RJ45.		
Network Protocols	ICMP, IP, TCP, DHCP, Telnet, DNS, POP3/SMTP, SNMP/TRAP, HTTP/HTTPS, and BootP.		
LED	8 user console port LEDs. 8 Power outlet On/Off status LEDs. Power On/Off LED. 1 Network LED.		
Weight	9 lbs. Shipping Weight.	9 lbs. Shipping Weight.	10 lbs. Shipping Weight.
Operational Temperature Environment	32F° – 122F° (0C° – 50C°)		
Humidity	10 – 90% RH		
Storage Temperature	-20F° – 140F° (-29C° – 60C°)		
Safety and EMI Compliance	TUV(US) UL-60950 and FCC Class A. File No. 0749447.01		