

P1520 Quick Reference Guide

Graphical Overview



Accessories Included

- 1 - 6ft (2m) Power Cable 90° (U.S. Models Only)

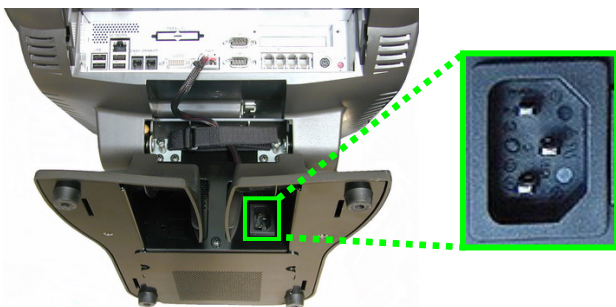


- 1 - 15ft (5m) Network Cable



Power Connection

- Access to the power cable socket is located underneath the unit.



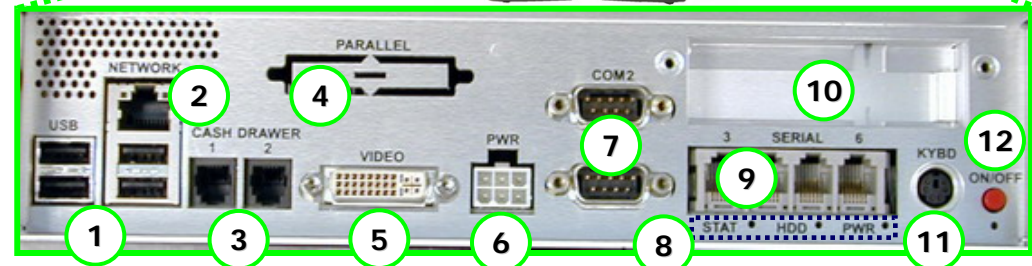
Power Button and I/O Panel Access

- Tilt the unit back and open the I/O access door.

Tilt Back



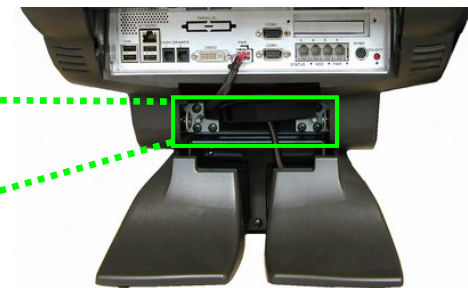
Open I/O Access door



- | | | |
|-----------------------------------|------------------------------------|-----------------------------------|
| 1 – USB 2.0 Ports | 5 – DVI Video Port | 9 – Powered RJ12 Serial Ports 3-6 |
| 2 – Network 10/100 Port | 6 – Power Supply Port | 10 – Low Profile PCI Slot |
| 3 – Cash Drawer Ports 1 & 2 (12v) | 7 – DB9 Serial Ports 1 & 2 | 11 – PS/2 Keyboard Port |
| 4 – LPT1 Parallel Port (Optional) | 8 – Status, Hard Drive & Power LED | 12 – Power On/Off |

Cable Management Using CableStrap™

- Use CableStrap™ to secure and conceal loose cables.



P1520 Quick Reference Guide

Technical Overview



P1520 Product Highlights

Thank you for purchasing the 15" P1520 POS!

The 15" Radiant P1520 Point-of-Sale (POS) is part of the Radiant Systems family of open retail platforms. The P1520 terminal utilizes Intel's Mobile Technology which combines a Pentium M or Celeron M processor and the 852 chipset. The highly efficient Mobile processor equates to greater performance than a comparable Pentium 4 processor, but with lower power consumption for a more reliable design.

Open Platform Highlights

- Standard Intel Architecture - DDR memory, PCI and Mini-PCI expansion slots, USB 2.0 and RS232 Serial connectivity
- Industry standard storage - hard drive, compact flash or more reliable USB Disk-On-Chip (uDOC)
- Multiple operating systems including Windows XP, XP-Embedded
- OPOS Driver Support

Essential Safety Precautions

Be sure to follow the instructions given below to ensure the safe use of Radiant P1520 Point-of-Sale.

- To avoid a possibility of electrical shock, be sure to connect the power cord to the Radiant P1520 before connecting it to the main power supply.
- A fire or electrical shock may result if the voltages used with the Radiant P1520 are beyond the specified range. Be sure to only use the specified voltage.
- To avoid fires or electrical hazards, do not modify the product in any way.
- **Before either plugging in or unplugging a board or interface connector, be sure to turn the Radiant P1520's power OFF and disconnect from the power source.**
- To prevent a possible explosion, do not install the Radiant P1520 in areas which contain flammable gases.
- Please see the P1520 user guide for more detailed safety precautions.

Support Information

Visit Radiant Systems on the World Wide Web

- <http://www.radiantsystems.com>

P1520 Driver Downloads

- <http://www.radiantsystems.com/hardware/drivers.asp>

Basic Troubleshooting

Problem	Suggestions
The unit will not power on	<ul style="list-style-type: none">• Check to make sure the power cord is firmly plugged in to both the terminal and power outlet.• Press and release the power button to turn the terminal on. Do not hold the power button down longer than one second. The power button is located on the right side of the I/O panel (See the Graphical Overview - Power Button and I/O Panel Access)
No display on screen	<ul style="list-style-type: none">• Check to see if the Power LED is illuminated on the I/O panel.<ul style="list-style-type: none">• If the Power LED is illuminated, the screensaver turned off the backlight. Touch the screen to wake it up.• If the Power LED is not illuminated, the terminal is turned off or not receiving power. See "The unit will not power on" troubleshooting section.
Touch screen is not calibrated correctly or does not work	<ul style="list-style-type: none">• Resistive Touch Screen (Mylar plastic touch surface) Note: Do not use any sharp objects, pens, pencils, or any material except a finger to contact touch screen sense it could damage the touch sensing layer.• Go to Start > Run and type tcalib, select OK. Follow the directions on the screen.• Capacitive Touch Screen (Clear glass touch surface)<ul style="list-style-type: none">• Go to Start > Programs > TouchWare > TouchWare• Or, go to Start > Run and type C:\PROGRA~1\MICROT~1\TOUCHW~1\MTSCAL.exe /C• The 3M Touchware driver may not be installed. Look in C:\Drivers\3MTouch and read the README.TXT file for installation instructions. Also, check the Driver Download site for updates.
Network connectivity	<ul style="list-style-type: none">• Check to see if the network cable is firmly plugged in to both the terminal and network outlet.• Check for network link on the network port. The amber LED is illuminated when the link is active.• Check the network settings to make sure they are configured correctly. Configure the TCP/IP settings for static or dynamic IP.
Test Peripherals: Magnetic Stripe Reader (MSR), Line Display, and Cash Drawer	<ul style="list-style-type: none">• Go to Start > Control Panel > P15xx Hardware Settings. Select the OPOS tab.<ul style="list-style-type: none">• Cash Drawer – Select OPOS RSDirect.CDx or RSSerial.COMx• Line Display – Select OPOS RSLD.COMx• MSR – Select OPOS RSMsrNote: The MSR Keyboard Wedge Service status needs to be "Stopped" in order for the MSR OPOS test to work properly.

Please see the P1520 user guide for more troubleshooting tips.