

P1535/P1235 Quick Reference Guide

Graphical Overview



P-Series Stand

X-Series Stand

Wall Mount

Accessories Included

6ft (2m) Power Cable 90°

10ft (3m) Network Cable

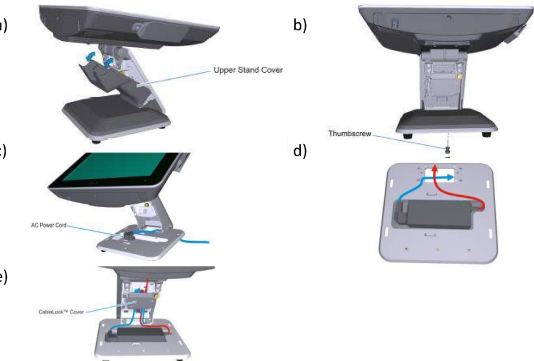


Power Connection

➤The P1535/P1235 has an integrated 19 V, 90 W power supply rated for 110 V and 240 V (auto-sensing), 50 Hz or 60 Hz located in the base.

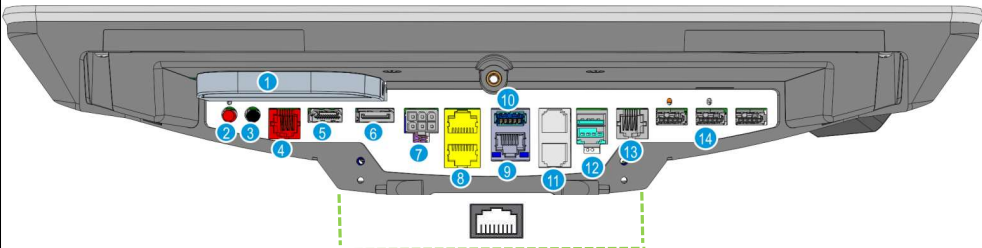
➤If the power supply is not installed in the base of the P1535/P1235:

a) remove upper stand cover b) loosen thumbscrew that secures the base cover c) route AC power cord thru base d) install power brick in base e) secure cables behind CableLock Cover and close all.



Note: 24V Power Supply is external to base

Power Button and I/O Panel Access



- 1 – Removable SSD

2 – Power Button

3 – Recovery Button

4 – RJ12 Cash Drawer

5 – HDMI

6 – Display Port

7 – Power In
- 8 – RJ45 Serial Ports (2)

9 – Ethernet Port

10 – USB 3.0

11 – RJ12 Serial Ports (2)

12 – 12V Powered USB

13 – RJ12 Serial Port

14 – USB 3.0 (3)

Expansion Options:

A– 24V Powered USB + RJ12 Serial Ports (2)

B – 5V USB + RJ12 Serial Ports (2)

C – RJ45 Serial Port + SIM + POE

NCR Recovery Utility

➤The NCR Recovery utility can be used to restore the factory provided image, or make backups. The default password is “Recovery1234”.

➤To start the recovery process, tilt head back to expose the I/O panel. The unit must be powered off before beginning the process.

➤Press and hold the recovery button. While holding the recovery button, press the power button to power on the unit. Wait 5 seconds, and release both buttons.



Recovery Button

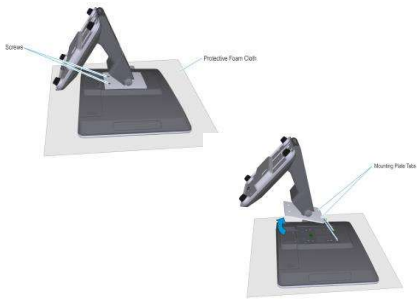
\*Press once and release

P-Series stand removal

➤Lay terminal face down on a flat surface.

➤Remove the screws (2) that secure the Base Stand to the display.

➤Rotate the P-Series Stand and remove the Mounting Plate Tabs (2) from the openings in the Rear Cover.



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# P1535/P1235 Quick Reference Guide

## Technical Overview

### P1535/P1235 Product Highlights

**Thank you for purchasing the 15" P1535 or 12" P1235 POS!**

The NCR 15" P1535 and 12" P1235 Point-of-Sale is the newest member in the NCR Corporation family of open platforms. The terminal utilizes a next generation Intel® Celeron™ Processor N3160 (Quad core, 2.24 GHz). The highly efficient processor offers great performance, but with lower power consumption for a more reliable design. The POS terminal comes in a 15-inch or 12-inch display with a projected capacitive touch screen.

### Essential Safety Precautions

**Be sure to follow the instructions given below to ensure the safe use of NCR P1535/P1235 Point-of-Sale.**

- To avoid a possibility of electrical shock, be sure to connect the power cord to the P1535/P1235 before connecting it to the main power supply.
  - A fire or electrical shock may result if the voltages used with the P1535/P1235 goes 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 P1535/P1235 power OFF and remove the power cord.**
- For more information see the P1535/P1235 User Guide.

### Support Information

**Visit NCR on the World Wide Web**

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

**P1535/P1235 Driver Downloads**

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

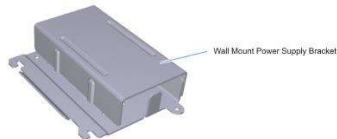
Please see the Support Section

Full P1535 user guide :






### Accessories

- Wall Mount and Power Supply Mount
- Cash drawer cable kits (24 V and 12 V)
- RJ12 to DB9M adapter kits
- RJ45 to DB9 or DB25 adapter kits



For ordering, please contact NCR directly

### Basic Troubleshooting

Problem	Suggestions												
The unit will not power on	<ul style="list-style-type: none"><li>•Check to make sure the power cord is firmly plugged into both the terminal and power outlet.</li><li>•Press the power button to turn the terminal on. The power button is located on the left side of the I/O Panel (See the Graphical Overview-Power Button &amp; I/O Panel Access)</li></ul>												
No display on screen	<div></div> <ul style="list-style-type: none"><li>•Check to see if the terminal is in screen saver mode.</li><li>•If the screen saver turned off the backlight, touch the screen and wake it up.</li><li>•If the NCR terminal is not illuminated on the <b>front bezel</b> (Blue or Yellow), the terminal is turned off or not receiving power. See "The unit will not power up" troubleshooting Section.</li><li>•Check the LED lights on the I/O Panel (Stat, HD, Pwr, Bezel)</li><li>•Below are the LED states when the P1535/P1235 is operating normally:</li></ul> <table><thead><tr><th>Color</th><th>Description</th></tr></thead><tbody><tr><td>Black</td><td>System OFF or No power</td></tr><tr><td>Blue</td><td>System ON</td></tr><tr><td>Yellow</td><td>System in Sleep Mode</td></tr><tr><td>Green (1 sec.)</td><td>Successful MSR swipe or Biometric read</td></tr><tr><td>Red (1 sec.)</td><td>Unsuccessful MSR swipe or Biometric read</td></tr></tbody></table>	Color	Description	Black	System OFF or No power	Blue	System ON	Yellow	System in Sleep Mode	Green (1 sec.)	Successful MSR swipe or Biometric read	Red (1 sec.)	Unsuccessful MSR swipe or Biometric read
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Touch screen is not calibrated correctly or does not work	<p>The PCAP touch controller does not require calibration. If you are having touch related issues:</p> <ul style="list-style-type: none"><li>- Power down the Point of Sale Terminal</li><li>- Power up the Point of Sale Terminal</li><li>- This may resolve touch issues, if not contact NCR</li></ul>												
Network Connectivity	<ul style="list-style-type: none"><li>•Check to see if the network cable is firmly plugged in to both of the terminal and network outlet.</li><li>•Check for network link on the network port.</li><li>•LED status:<ul style="list-style-type: none"><li>Network Connector LEDs:<ol style="list-style-type: none"><li>1. 1000Mb/s – LED is Yellow</li><li>2. 10/100Mb/s - LED is Green</li><li>3. Blinking LED– Data transmission active</li></ol></li></ul></li><li>•Check the network settings to make sure they are configured correctly. Configure the TCP/IP settings for static or dynamic IP.</li></ul> <div></div>												
Test peripherals: Cash Drawer, Line Display Test, Magnetic Stripe Reader (MSR)	<p>Go to Start → Control Panel → Hardware Settings → OPOS</p> <p>From the OPOS tab, select the desired, peripheral from the drop downs:</p> <p>Cash Drawer – Select RSDirect.CD1 or RSDirect.CD2.</p> <p>Line Display Test– Select RSLD.INTEGRATED (display head) or RSLD.COM(n) (external)</p> <p>MSR – Select RSMsr (primary) or RSMsr.External. (secondary)</p> <div></div>												

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