USER GUIDE

NCR P1535 POS (7761)

Release 1.1

Preface

Audience

This publication is written for hardware installer/service personnel, system integrators, and field engineers.

Notice: This document is NCR proprietary information and is not to be disclosed or reproduced without consent.

Safety Requirements

The *NCR P1535 POS* conforms to all applicable legal requirements. To view the compliance statements see the *NCR HSR POS Terminals Safety and Regulatory Statements* (BCC5–0000–5069).

⚠️ **Caution:** The on/off switch is a logic switch only. The AC line voltage primaries are live at all times when the power cord is connected. Therefore, disconnect the AC power cord before opening the unit to install features or service this terminal.

⚠️ **Caution:** UV Light — Avoid looking directly at UV Lights.

Lithium Battery Warning

⚠️ **Warning: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type as recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.**

⚠️ **Attention: Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type recommandé par le constructeur. Mettre au rébut les batteries usagées conformément aux instructions du fabricant.**

Battery Disposal (Switzerland)

Refer to Annex 4.10 of SR814.013 for battery disposal.

IT Power System

This product is suitable for connection to an IT power system with a phase-to-phase voltage not exceeding 240 V.

Peripheral Usage

This terminal should only be used with peripheral devices that are certified by the appropriate safety agency for the country of installation (UL, CSA, TUV, VDE) or those which are recommended by NCR Corporation.

⚠️ **Warning: DO NOT connect or disconnect the transaction printer while the terminal is connected to AC power. This can result in system or printer damage.**

⚠️ **Warning:** **DO NOT connect or disconnect any serial peripherals while the terminal is connected to AC power. This can result in system or printer damage.**

Grounding Instructions

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances. Do not modify the plug provided – if it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of electric shock.

The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor.

If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if you are in doubt as to whether the product is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the product's plug. **Repair or replace damaged or worn cords immediately.**

Out of Box Failure (OBF)

If you experience an out of box failure (OBF) during installation or staging related to a missing, wrong or defective unit or item, simply provide NCR with a detailed description of the issue and the item will be replaced free of charge. For assistance with this process send an email to *CustomerSat.Retail@ncr.com* with the following details:

- NCR Sales Order # (Sales Order # are located on the box)

- Date of Product Installation

- Product Model #

- Unit Serial #

- NCR part # of defective/missing/wrong component

- Description of Failure (please be specific. For example: "display will not power on")

- Customer/Requestor's contact name, phone number and/or e-mail address

- Address to ship replacement part(s)

Transport the product n its original packaging to prevent impact damages.

If you do not have access to a computer, you may leave a voice message at: 1-800-528-8658 (USA), or (International) +1-770-623-7400. When leaving a message, please provide a phone number and/or an email address so NCR can contact you if additional details are needed.

Note: Used equipment that experiences a failure does not qualify as an OBF and should go through the NCR warranty process.

Warranty

Warranty terms vary by region and country.

All parts of this product that are subject to normal wear and tear are not included in the warranty. In general, damages due to the following are not covered by the warranty.

- Improper or insufficient maintenance

- Improper use or unauthorized modifications of the product.

- Inadequate location or surroundings. Site installation must conform to guidelines listed in the *Site Preparation Guide* document and the *NCR Workstation and Peripheral AC Wiring Guide* (BST0-2115-53).

For detailed warranty arrangements please consult your contract documents.

Returning Defective Hardware for Service

Use the following procedure to report/return defective hardware.

Call the *NCR Customer Care Center* at 1-800-262-7782 and have the following information available when you place the call.

- Class/Model number of the defective equipment

- Serial Number of the defective equipment

- Equipment location in the store

- Description of the problem, including any system error codes, error condition, or guidance to the area of failure.

The NCR Agent will provide you with a work order number, which serves as your Return Material Authorization (RMA). Please provide the RMA on the outside of the shipping box.

Note: A work order must be opened for each device that is shipped for repair.

References

- *NCR P1535 POS (7761) Site Preparation Guide (BCC5-0000-5053)*

- *7761 Service Guide (BCC5-0000-5055)*

- *7761 Parts Identification Manual (BCC5-0000-5056)*

Table of Contents

Chapter 3: Cleaning

Appendix A: Product IDs

Revision Record

Issue	Date	Remarks
A	Feb 2016	First Issue
B	July 2016	Updated for Release 1.1 Removed reference to VESA Mount
C	May 2017	Added the following updates • Quickserve 24V PUSB + 12V PUSB + Dual CD (24V) Expansion • USB MSR with NCR Key • Android OS • 2x20 Double Byte Display • Product IDs
D	Mar 2020	Added Cleaning chapter
E	Oct 2020	Updated cabinet cleaning procedures
F	Nov 2020	Added "Programming the Scanner" section

Chapter 1: **Product Overview**

Introduction

The NCR P1535 is a Point-of-Sale (POS) terminal designed for the restaurant and food service environment. 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 display with a projected capacitive (PCap) touch screen.

Features and Benefits

Features	Benefits
Intel® Celeron™ Processor N3160 (Quad core, 2.24 GHz).	Fast performance, powerful quad-core and very low power. Long life cycle commitment from Intel.
Quad-Core Technology	Integrates four complete execution cores in a single processor providing advancements in simultaneous computing.
NCR Countertop Enclosure	Fully integrated, low-profile, water, and tamper resistant housing for high functional retail interaction.
15" XGA (1024x768) LED LCD Primary Display	Energy efficient and long life LED display. Excellent brightness, contrast, and color depth. Enables the proper display of high-quality graphics to ease use and decrease training time for retail employees or to directly engage the consumer.
Software–adjustable Brightness and Contrast Control for Main Display	Better display characteristics for user as well as significantly increased bulb life for main display.
Integrated projected capacitive screen controller	Flat front, zero bezel modern design. Capacitive screen offers greater durability and display clarity with full multi-touch support.
SATA Flash Storage SSD Options	Large capacity 40GB solid-state drive (SSD) 2.5" flash drive. Additional capacities may be available. No moving parts for increased uptime and better reliability.
Integrated Stereo, Speakers	Provides high-quality feedback for user interaction.
System Management features	Supports ACPI, SMBIOS, DMI, SNMP, WfM, and PXE. Also supports metering, remote desktop, remote execution, BIOS update, system inventory and asset management.
Recovery Tool	Provides a dedicated recovery button for factory restore and site backups.
1 PCI Express Minicard connector (half height)	Provides expansion slots typically for integrated wireless card.
5 Serial Ports (3 x RJ12 powered @ 12v, 2 x RJ45 powered @12v or 5v)	Provides data I/O with any RS–232 peripheral and power.

Features	Benefits
4 USB 3.0 Ports	Provides data I/O with any USB peripheral. Fast data rates with USB. **Note:** This product does not support low speed USB devices (1.5Mbit/s). NCR recommends using Full, High, and SuperSpeed USB devices to avoid a possible coexistence problem with higher speed peripherals in electrically noisy environments not following the NCR Workstation and Peripherals AC Wiring Guide (BSTO-2115-53). None of NCR's current peripherals are low speed USB.
1 Powered USB 12 V Port	Provides 12V power and data I/O with any USB peripheral and can be used as a standard USB 2.0 port. Refer to *www.poweredusb.org* for more information.
1 Dedicated Cash Drawer Port (RJ12, 24V)	Provides port for direct drive cash drawers (12 V or 24 V dual cash drawer support via Y cable).
1 HDMI Port	Provides port for a second digital display. Cable available to DVI.
1 Display Port	Provides port for third digital display.
Retail and Hospitality Hardened Design	The retail and hospitality hardened design offers a spill resistant, high impact enclosure that is built to withstand tough in-store conditions with continuous operation. The fanless configuration increases reliability by preventing forced air through the unit, thereby reducing contaminants in the system. The P1535 is configured as a silent, thin-client, fanless, solid-state terminal for maximum reliability.
Variable Position Tilt-Stand with Power Supply	The tilt-stand provides variable tilt positions that are secured without need for pins or locking knobs. The dual-friction hinge allows for continuous, smooth rotation throughout the tilt angle. The stand includes a Cable Door to prevent accidental disconnect or tampering. It also offers through-counter cable routing, which hides all cabling from view. With the power supply located in the base as standard, thermal dissipation of the power supply is isolated and away from the touch head motherboard electronics, which increases reliability of the terminal. The large power supply (150 W) is external to the P-Series stand.

Optional Features and Benefits

Features	Benefits
Customer Display	Options include 2x20 VFD (integrated or mounted) or 10" display with full motion video, POS or extended mounting.
Biometrics Fingerprint Reader	Integrated Digital Persona 4500 optical, 512 dpi resolution fingerprint reader for employee login and security.
Integrated MSR	Adds a 3 Track EMSR, Magtek USB 3 Track EMSR, or USB MSR with NCR key.
2D Imager	Integrated Honeywell Imager module. 1D/2D barcode scanner with ability to read from many media types.
UV Light Sensor	Integrated ultra-violet light module and motion sensor for reading counterfeit currency, ID cards, driver's licenses, credit cards, and other UV or hologram items
2-in-1 Dallas/Addimat Sign-In Module	Integrated 2-in-1 waiter key that incorporates the leading waiter keys Dallas and Addimat in one design.
Wireless Adapter Card	Wireless network connection card in a PCIe half mini-card form factor. Wi-Fi certified for 2.4 GHz and 5 GHz band, WPA and WPA2.
Camera	Provides an optional built-in, user facing camera.
Mounting Flexibility	Provides a compact design that allows wall mounting, P–Series tilt stand mounting, or X–Series tilt stand mounting
Powered USB Expansion card	Adds 1x24v powered USB port and 2 additional powered RJ12 serial connectors for a total of 7 powered serial ports.
RJ12 Expansion card	Adds 1 standard USB port and 2 additional powered RJ12 serial connectors for a total of 7 powered serial ports.
POE Expansion card	Adds 1 x RJ45 power over Ethernet port, 1 x RJ45 serial port (powered 12 v), and 1xSIM card reader. Can be used to power an NCR Basestation4 to support Orderman devices.
Quickserve Expansion Card	Adds 1 x 24V Powered USB port, 1 x 12V powered USB port, and 2 x Cash Drawer ports via splitter cable from the terminal port.

Mounting Configurations

P-Series Stand
(7761-F170)

X-Series Stand
(7761-F172)
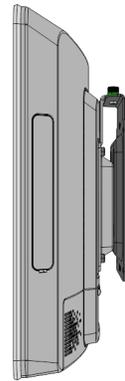
Wall Mount
(7761-K001, 7761-K003)
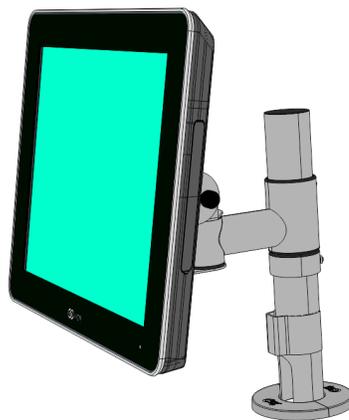
SpacePole Mount
(1668–K103, 1668–K104, 1668–K105, 1668–K106)

60298
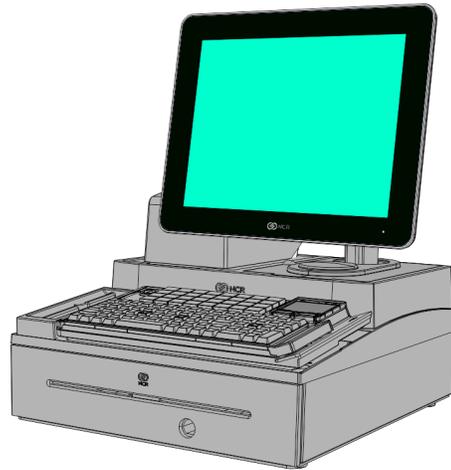
Expansion Options

POE + RJ45 Expansion
7761–F181

USB + Dual RJ12 Expansion
7761–F182

24V Powered USB +
Dual RJ12 Expansion
7761–F183

Quickserve 24V PUSB+12V USB
+ Dual CD (24V) Expansion
7761–F185   60313

Customer Display Options

Integrated 2x20
Customer Display
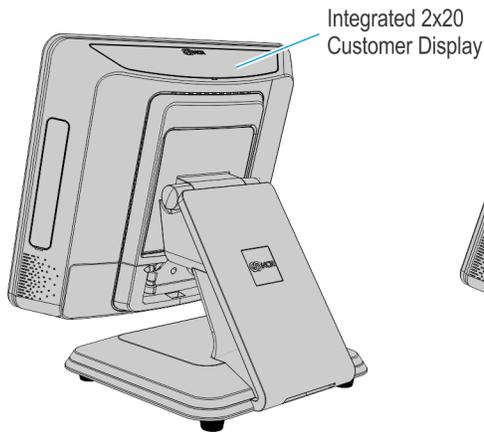
Integrated 2x20
Customer Display
(7761 - F451)

2x20 Customer Display
Attached to P-Series Stand
(7761 - F460)

XD10 Customer Display
Integrated to P-Series Stand
(7761 - F461)

XT10 Customer Display
Integrated to P-Series Stand
(7761 - F462)

2x20 Double Byte Display - China
(7761 - F463)
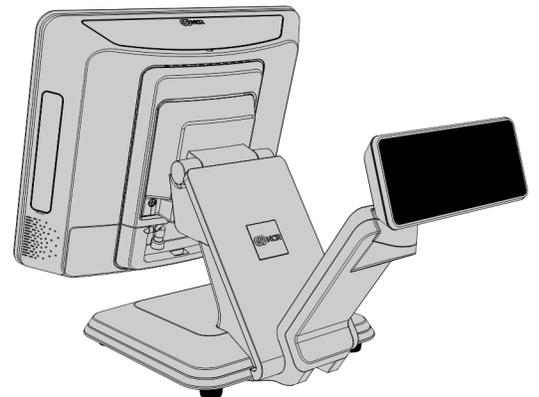
2x20 Customer Display on
Arm Extension Mount
(7761 - K460)
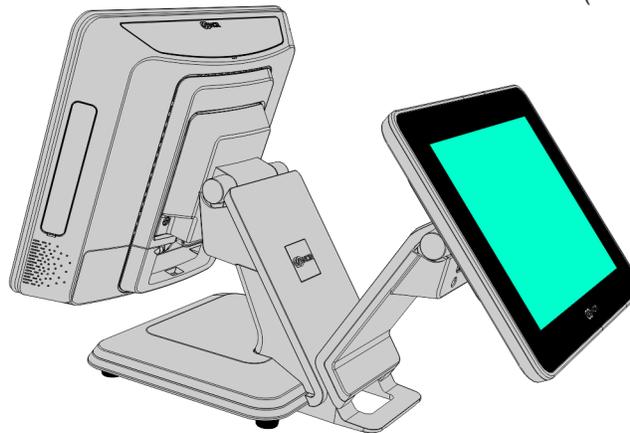
Arm Extension Mount for
Customer Display
(7761 - K462)

61528

Right Side Features (Port A)

3 Track Encrypted EMSR
7761 – F140

Magtek USB 3 Track MMSR
7761 – F141

MSR/Sidecar Blank
7761 – F142

Dallas Key with Bottom Blank
7761 – F143

USB MSR with NCR Key
7761 – F144

60316

Left Side Features (Port B)

Biometrics with Bottom Blank
(7761–F150)

Biometrics with 2D Scanner
(7761–F151)

2D Scanner with UV Light
(7761–F152)

UV Light with Top Blank
(7761–F153)

2D Scanner with Top Blank
(7761–F154)

No Side Car
(7761–F155)

60319

Scanner

Programming the Scanner

To program the scanner to work on a Retail or Hospitality (Aloha) POS, refer to the following sections in the Imager Setup Sheets document (BCC5-0000-5470):

http://onlinehelp.ncr.com/Retail/Scanners/ImagerSetup/HTML/FrontMatter-HTML/Home.htm

- **Retail**

  - Honeywell N5680 Retail Quick Imager Setup

- **Hospitality (Aloha)**

  - Honeywell N5680 Aloha Programming Sheet

Specifications

Features	Specifications
Processor	Intel® Celeron™ Processor N3160 (Quad core, 2.24 GHz)
Chipset	Intel® Braswell SoC
Memory	4GB standard up to 8GB DDR3-1600 SDRAM SO-DIMM
Storage Media	40GB upto 120GB 2.5" SSD
Operating System	Supports any of the following: • Windows Embedded POSReady 7 (32 bit) • Windows Embedded POSReady 7 (64 bit) • Windows 10 Embedded (32 bit) • Windows 10 Embedded (64 bit) • Android
Operator Display	15-inch XGA (1024 x 768), LED LCD, PCap Touch
Network	Auto–selecting 10/100/1000 Base - T Ethernet using TCP/IP
Enclosure	Polycarbonate/ABS impact resistant, High Strength Blend, Environmentally Sealed
Camera	High Speed USB 2.0, 1920 x 1080 FHD (2.0 M)
Wireless	• Dual-Stream, Dual Band 802.11 ac/a/b/g/n 2x2 2.4/5 GHz • Integrated Bluetooth
Serial Port	• (3) RJ12, 12 V • (2) RJ45, 12 V or 5 V
USB Port	• (4) Standard USB 3.0, 5 V • (1) USB + Powered USB, 12 V **Note:** This product does not support low speed USB devices (1.5Mbit/s). NCR recommends using Full, High, and SuperSpeed USB devices to avoid a possible coexistence problem with higher speed peripherals in electrically noisy environments not following the NCR Workstation and Peripherals AC Wiring Guide (BSTO-2115-53). None of NCR's current peripherals are low speed USB.
Ethernet	RJ45 Realtek 10/100/GbE
PCI Express	(1) PCI Express Minicard Connector

Features	Specifications
Cash Drawer Port	(2) 12 V or 24 V Dual Cash Drawer Support **Note:** A Y Cable is required when connecting to any 12 V cash drawer or to dual cash drawers.
HDMI Port	(1) HDMI Port
Display Port	(1) Display Port

Expansion Cards	**Expansion A**
	Serial Port—(2) RJ12, 12V
	USB Port — USB 2.0 + Powered Port, 24V
	
	Expansion B
	Serial Port—(2) RJ12, 12V
	USB Port—USB 2.0, 5V
	
	Expansion C
	Serial Port—(1) RJ45, 12V RTS and 5V DTR
	Power Over Ethernet PSE — RJ45 Exar 10/100Mb
	                  48V Typical Power
	                  IEEE 802.3af
	SIM Card Reader — ISO/IEC 7816
	               2FF SIM Card
	               Push/Push Connector
	
	Quickserve Expansion
	USB Port — (1) USB 2.0 + Powered Port, 24V and (1) USB 2.0 + Powered Port, 12V
	Cash Drawer Port — (2) 12V or 24V Cash Drawer ports via splitter cable from the terminal port.

Power Supply	• 19 V, 90 W Power Supply option • 24 V, 150 W Power Supply option

Features	Specifications
Power Cords	• USA Power Cord, 90 W • USA Power Cord, 150 W • UK Power Cord, 90 W • UK Power Cord, 150 W • Europe Power Cord, 90 W • Europe Power Cord, 150 W • Australia Power Cord, 90 W • Australia Power Cord, 150 W • China Power Cord, 90 W • China Power Cord, 150 W • India Power Cord, 90W
Dimensions (L x W x H) (Countertop envelope through tilt angle)	**Without MSR and Sidecar** 304 mm x 381 mm x 375 mm (12 in. x 15 in. x 14.7 in.) **With MSR and Sidecar** 304 mm x 437 mm x 375 mm (12 in. x 17.2 in. x 14.7 in.)
Base Dimension (L x W) (P–Series Stand)	229 mm x 235 mm (9 in. x 9.25 in.)
Tilt Angle	3° to 111° from vertical
Terminal Weight	7.39 kg (16.3 lbs) **Note:** Varies by configuration. Refer to the NCR P1535 POS (7761) Site Preparation Guide for more information.
Shipping Weight	6.8 kg (15 lbs) 10.4 kg (23 lbs) – with P-Series Stand
Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	0°C – 45°C (32°F – 113°F) **Note:** Must be in original packaging material in a humidity and temperature controlled environment.
Humidity	5% to 85%, non–condensing
Environmental Compliance	RoHs, WEEE
EMI Certifications	FCC Class A, CE, C-Tick
Safety Certifications	TUV, CB Scheme

Operator Controls

Power Switch

The Power Switch is located as shown below. The switch can be accessed when the cable cover is opened or closed.

Power Switch

60301

Bezel LED

Bezel LED

60302
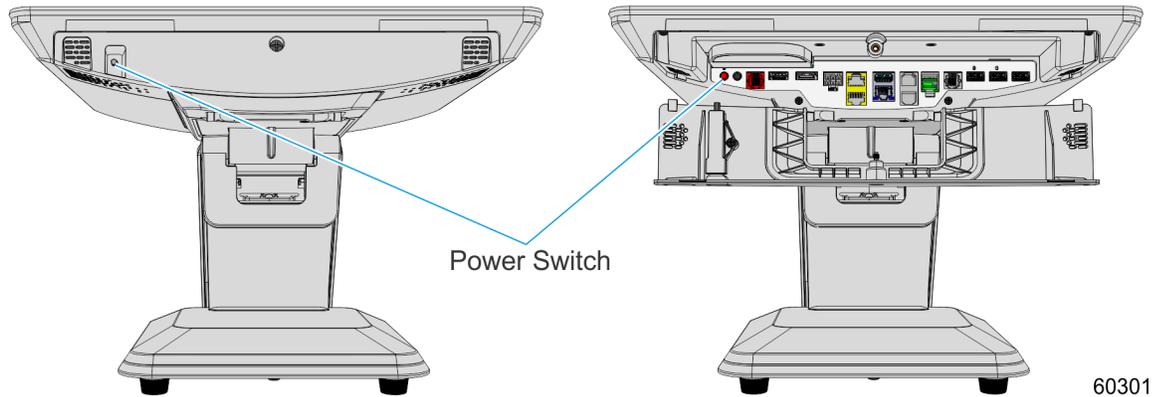
The Front Panel Bezel LED has multiple functions as defined below.

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

Label Locations

Serial Number Label

SN.: XXX-XXXXXXXX

Model Number Label

MN.: XXXX-XXXX-XXXX

Certification Label

NCR Corporation   Duluth, GA 30096   Made in USA   美国制造
CLASS: 7761 出纳终端机
Model No.型号 : 7761-XXXX-XXXX   电源额定值 : 24V ⎓ 6.25A
Date of Mfg: YYYY/MM/DD

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference,and (2) this device must accept any interference received, including interference that may cause undesired operation.
CAN ICES-3 (A)/NMB-3(A).
Self declaration - Conforming to IS 13252:2010,
R-xxxxxxxx

TUV SUD
C   NRTL   US

ACN 000 003 592

NOM
N O. 4 3 7 NOM   NYCE

CE

Contains FCC ID: PD97260H
Contains IC: 1000M-7260H

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用する と電波妨害を引き起こすことがあります。この場合には使用者が適切な対策 を講ずるよう要求されることがあります。   VCCI-A

CMIIT ID: XXXXYYZZZZ

CCC

COA Label

Windows Pro Embedded 1-2 CPU

Feature Label

MCID :   XXXXMCXXXX
Model No :   XXXX-XXXX-XXXX
Serial No :

Feature No: FXXX, FXXX,
FXXX, FXXX,FXXX,
FXXX, FXXX,FXXX,
FXXX, FXXX,FXXX,
FXXX, FXXX,FXXX,
FXXX, FXXX,FXXX

60303

Chapter 2: **Hardware Installation**

Installation Restrictions

- Install the NCR P1535 POS near an electrical outlet that is easily accessible. Use the power cord as a power disconnect device.

- Do not permit any object to rest on the power cord. Do not locate the NCR P1535 POS where the power cord can be walked on.

- Use a grounding strap or touch a grounded metal object to discharge any static electricity from your Body before servicing the NCR P1535 POS.

Warning: This unit contains hazardous voltages and should only be serviced by qualified service personnel.

Caution: **Do not** connect or disconnect the transaction printer while the terminal is on. This can result in system or printer damage.

Installation Notes

Cable Restraint

The P1535 includes a cable management system with cable strap to prevent accidental disconnects and tampering. The strap is opened, peripheral connections are made, the strap is closed, and then cables are then routed through the slot in the base.

Footprint

An area of no less than 18" inches square is necessary to properly install a P1535 unit with MSR and side module. This will accommodate the unit as well as its associated mounting hardware. For customer display attached, see user guide for specific dimensions.

Power

For tilt stand option, the P1535 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. With the powered USB 24 V option, the power supply is a 24V, 150 W external power brick rated for 110 V and 240 V (auto-sensing), 50Hz or 60Hz. Source power is drawn from a regular AC wall outlet. The electronics are "universal" – that is, they will function when connected to standard wall outlets in most countries around the world. For use in locales other than North America, special wall outlet adapters or cables will be required. For international configurations of the P1535, typically the country specific power cord is ordered separately.

Moisture

The P1535 units should not be installed in areas where they might be exposed to direct water spray. P1535 units are not meant for outdoor installation.

Magnetic Strip Reader (MSR) Cleaning

Periodically, the MSR may need to be cleaned depending on usage. Pre-saturated MSR cleaning cards can be ordered from NCR (50/box) using part number 1666-K024. Otherwise, wrap a card with a saturated paper towel of glass cleaner and swipe gently to clean reader head.

Biometric Cleaning

Periodically, the biometric reader may need to be cleaned depending on usage.

For this optical reader, it is recommended to apply the sticky side of a piece of adhesive cellophane tape to the window, and then peel it away. This works best and avoids chemicals which may damage the material. An alternative is to use any type of household cleaner, such as Formula 409, Fantastic, Windex, etc. Use a soft rag, cotton swab, or something non-abrasive to gently clean the reader surface. Do not use alcohol-based cleaners. Always spray the cleaner on the rag or swab first to avoid liquid pooling around the reader. Remove the excess liquid.

Do not to use chlorine based cleaners, such as Clorox bleach, non-chlorine bleach, or chlorine based bathroom / mildew cleaners. Also, do not use solvents such as acetone, MEK, TCE, paint thinner, or turpentine. The power should be removed from the terminal prior to cleaning.

Hardware Platform Drivers

Platform drivers for the P1535 POS are available on *http://www5.ncr.com/support/.*

Ergonomic Workplace

The NCR P1535 POS has a high brightness LCD with an anti-glare screen but for best results please observe the following when considering the terminal workplace.

- Avoid direct glaring and reflective glaring light. Locate the terminal in a controlled luminance surrounding. When installed next to windows orient the terminal so it does not reflect the outside light.

- If possible, avoid reflective glaring caused by electric light sources.

- Position the terminal for ideal viewing angles.

2XXXX
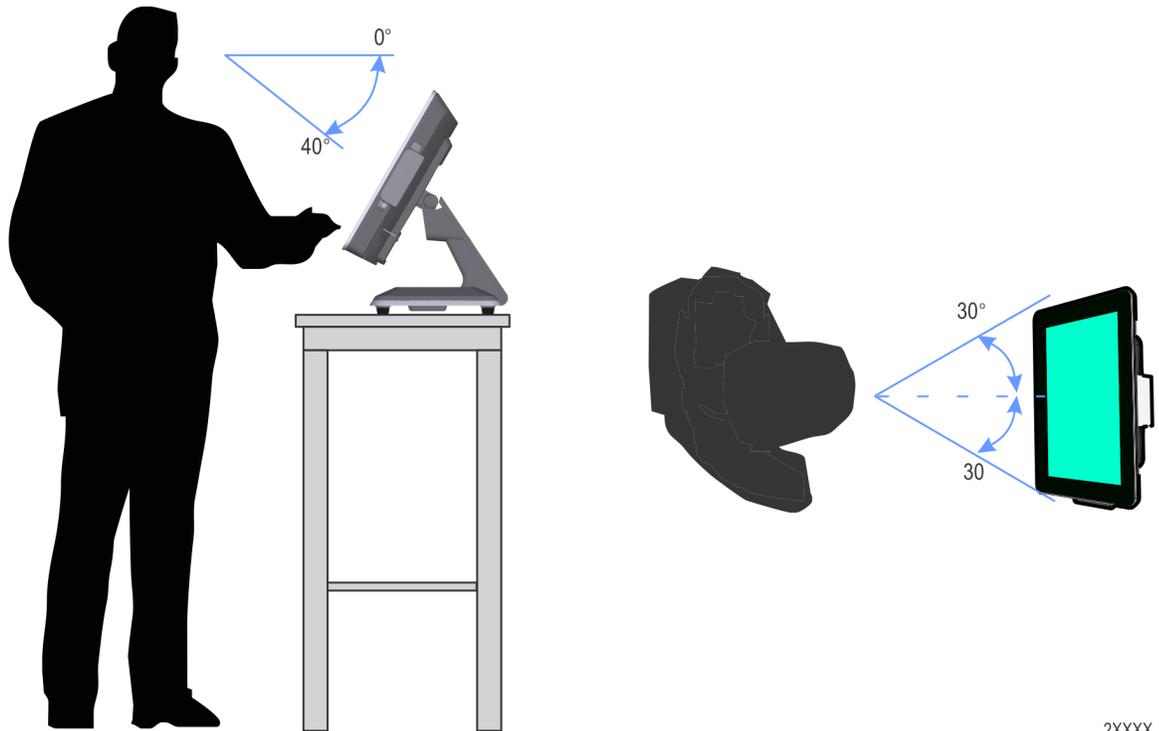
Installing the Terminal

The terminal can be mounted using a variety of mounts.

- P-Series Stand (*7761-F170*)

- X-Series Stand (*7761-F172*)

- Wall Mount (*7761-K001, 7761-K003*)

- Space Pole Mount (*1668-K104, 7668-K105, 1668-K106*)

The NCR P1535 POS comes fully assembled and ready to use. All that is required is to connect the LAN Cable and peripheral device cables.
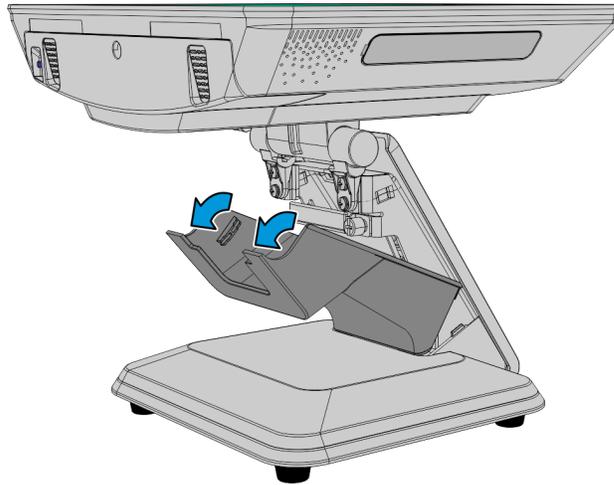
Note: For other configurations, refer to the corresponding kit instructions.

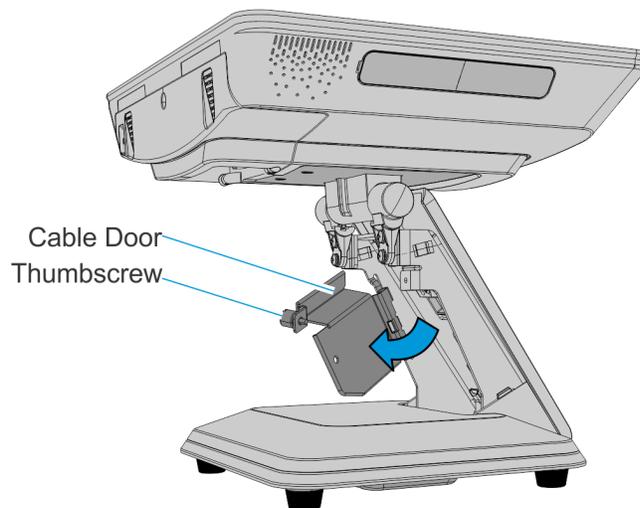1. Pivot the display toward the back.

61031
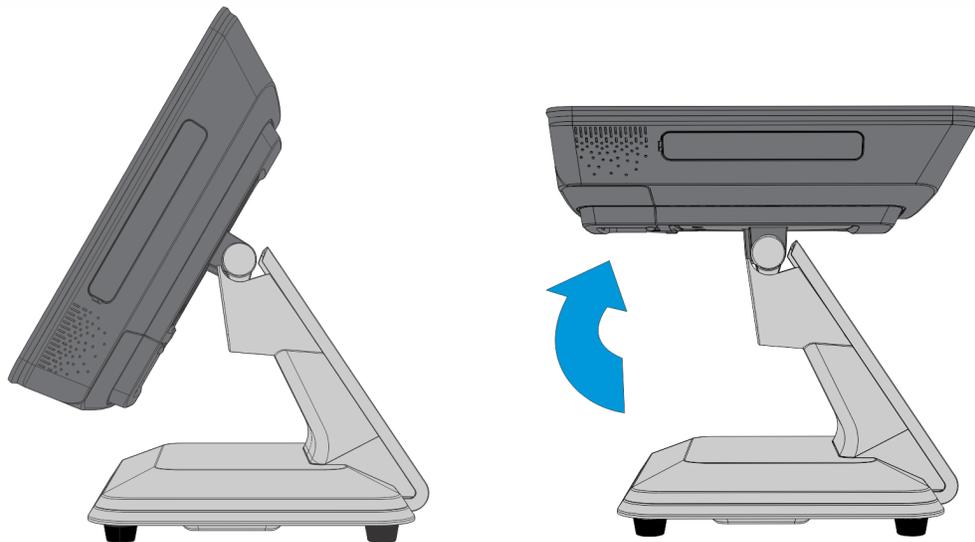
2. Remove the Upper Stand Cover by pivoting it away from the stand. The cover has a simple snap fit connection at the top.

61032

3. Loosen the thumbscrew to open the Cable Door.
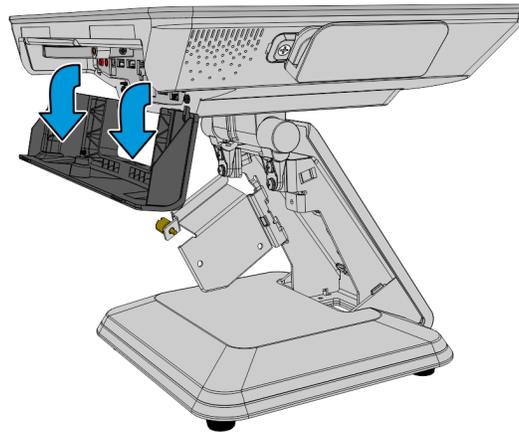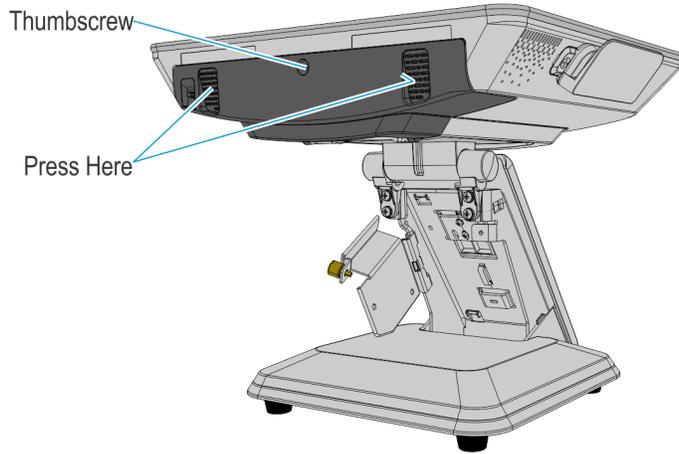

Cable Door
Thumbscrew

61033

4. Loosen the screw on the Terminal Cable Cover. To open, press down on the indentations in the Cable Cover to unlatch the cover and then pivot the cover open.
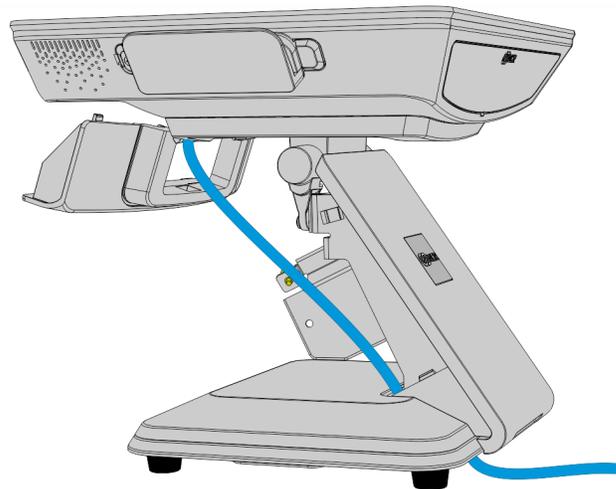
Note: Ensure that the screw is disengaged from the threads.
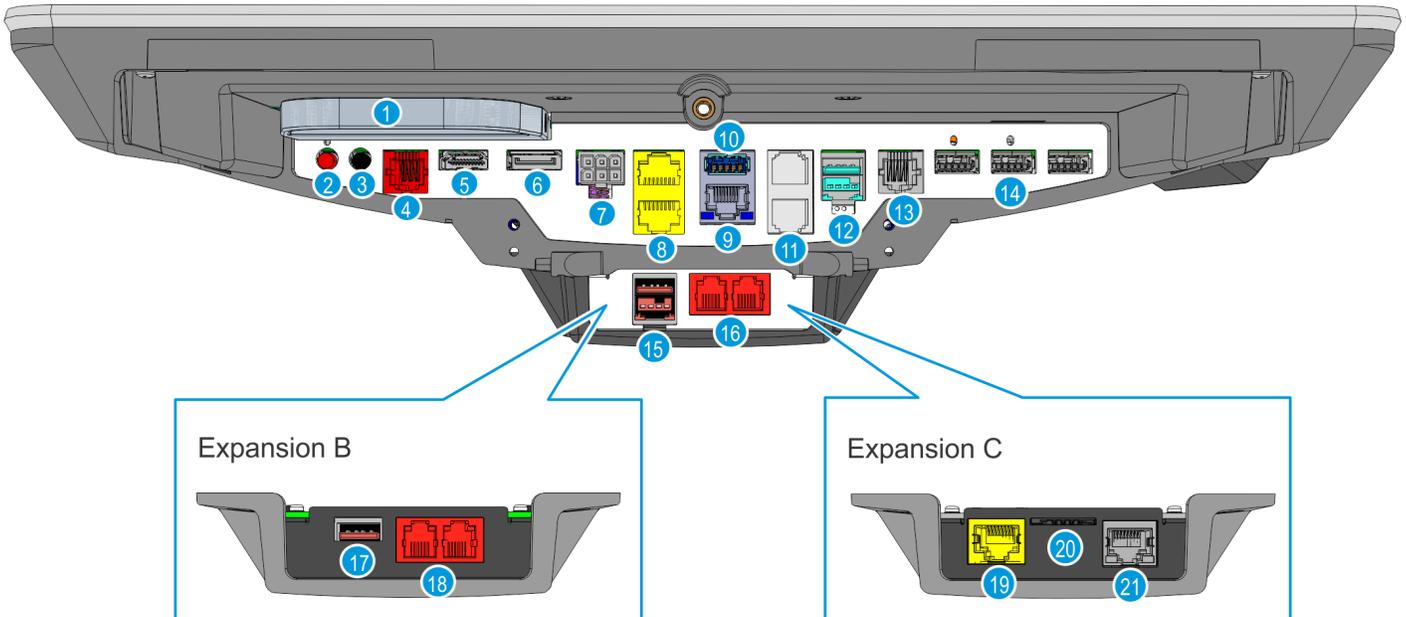
Thumbscrew

Press Here

61030

5. Route the cables up through the stand and out of the Terminal Cable Cover.

61034

6. Connect the peripheral cables to the I/O Panel.

POS with Expansion A

Expansion B

Expansion C

1 – Removable SSD	**8** – RJ45 Serial Ports (2)	**15** – 24V Powered USB
2 – Power Button	**9** – Ethernet Port	**16** – RJ12 Serial Ports (2)
3 – Recovery Button	**10** – USB 3.0	**17** – 5V USB
4 – RJ12 Cash Drawer	**11** – RJ11 Serial Ports (2)	**18** – RJ12 Serial Ports (2)
5 – HDMI	**12** – 12V Powered USB	**19** – RJ45 Serial Port
6 – Display Port	**13** – RJ12 Serial Port	**20** – SIM Card Reader
7 – Power In	**14** – USB 3.0 (3)	**21** – RJ45 Power Over Ethernet PSE

61479

Note: SIM cards must be inserted while the terminal is powered off.

7. Install the Terminal Cable Cover and tighten thumbscrew to secure cover.

8. Close the Cable Door and tighten thumbscrew to secure cable door.

9. Install the Upper Stand Cover.

Connecting AC Power

1. Connect the Power Supply cable to the DC Power connector on the terminal.

2. Connect the AC Power Cord to the Power Supply and to an AC outlet.

Disconnecting the Power Cable

The Power Cable connector locks into position when connected to the terminal and cannot be removed by simply pulling on the cable. To remove it you must slide the outside housing out from the terminal to unlock it and then pull it out of the terminal connector.

Connecting to a Network

Most business configurations require you to connect your P1535 system to a network. Connecting to a network enables you to communicate with other systems and devices also on the network, and depending on your business' configuration, may allow you to connect to the Internet.

To connect the P1535 terminal to a network, plug the 10/100/1000 Ethernet cable into the port labeled NETWORK on the bottom panel. The other end of the 10/100/1000 Ethernet cable should be connected into your network hub.

Note: You may need to consult with your business' IT (information technology) representative to determine whether you have a network connection available, and to locate the network hub to connect to your P1535.

Starting Up the P1535 Terminal

In order to run your operating system and access your software and data, you must start up the P1535 platform. To start up the P1535, complete the following procedure:

1. Simply plug the power cord into an electrical outlet. The system automatically turns on once plugged into the outlet.

   The system installs the system devices, system settings, and then reboots to continue setup. Complete the System Setup. This varies from OS to OS but the following is typical.

2. The initial setup procedures are performed.

   • Starting Windows

   • Preparing the computer for the first time

   • Checking video performance

3. Accept the **License Terms**.

Note: Depending on your installed operating system and your selected settings, your system will vary in the amount of time it takes to boot up.

Installing a Transaction Printer
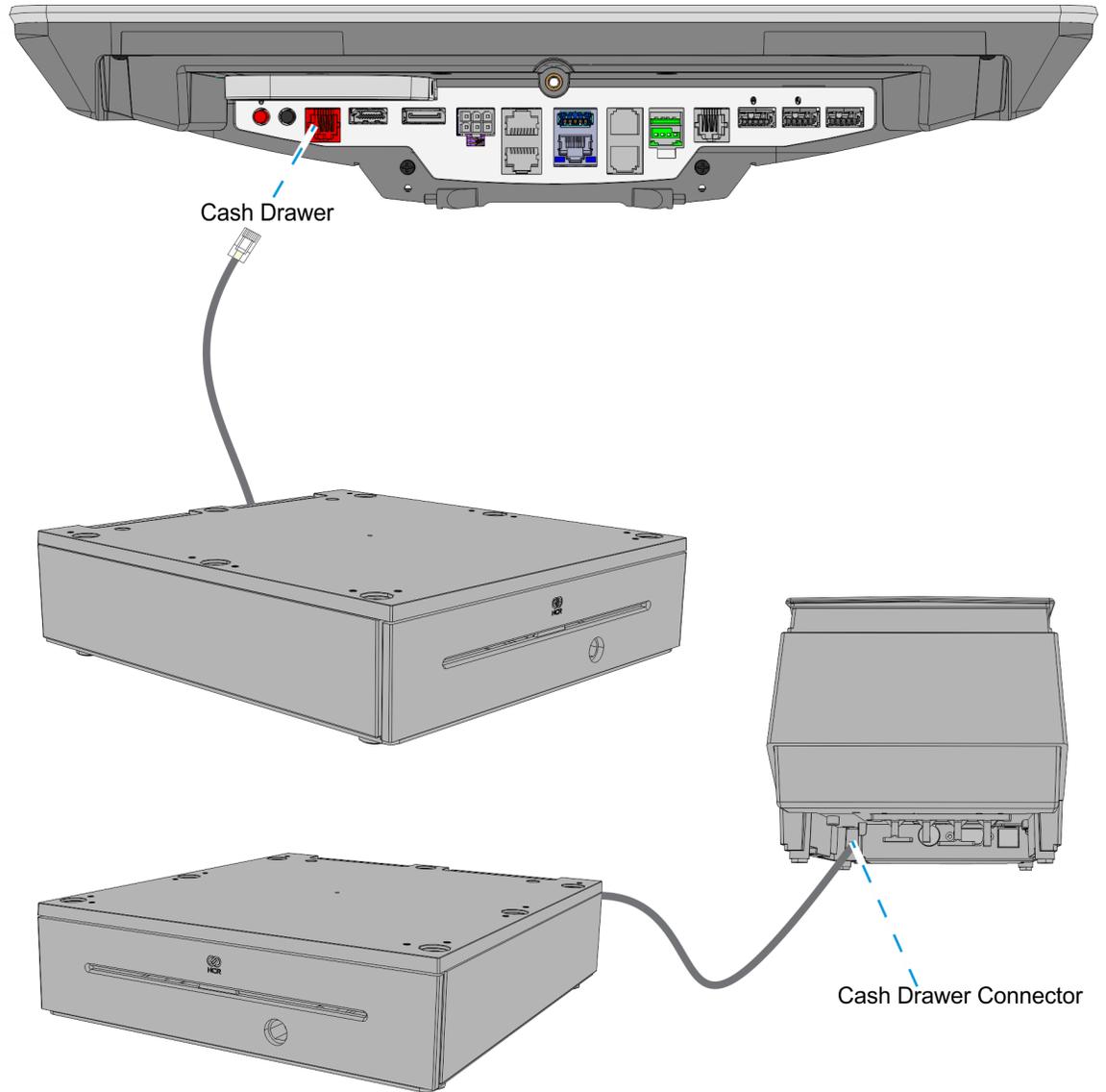
Connect the printer to the USB port on the terminal.

USB

60374
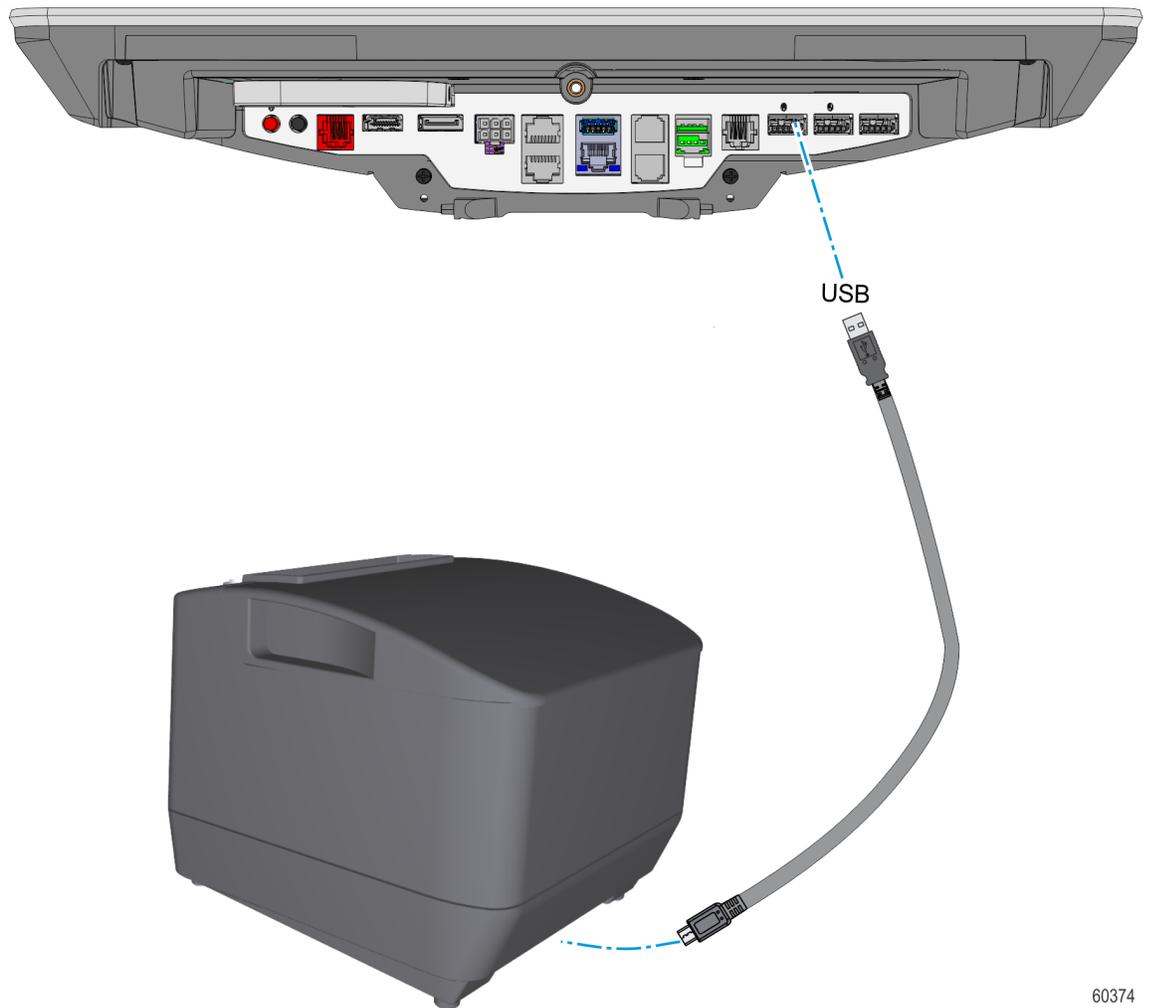
Installing a Cash Drawer

The Cash Drawer can be connected to the Cash Drawer connector or to the transaction printer.

Cash Drawer

Cash Drawer Connector

60450

Second Cash Drawer Cable Connection

The terminal supports a 2-drawer configuration with a Dual Cash Drawer Cable. Connect this cable to the terminal or transaction printer cash drawer connector.

There are two versions of the Dual Cash Drawer Cable:

- 1432-C516-0009 (24 V)

- 1432-C517-0009 (12 V)

Note: When connecting a single 12 V legacy cash drawer, the 1432-C517-0009 cable is required to be used.

Caution: The two cables look very similar. Make sure you use the correct one. Connecting the wrong cable can cause system damage.

Using External Connectors

In order to use the P1535 system to run your business' software, you can set up several peripheral components. The P1535 is compatible with standard PC equipment, including a USB mouse, USB keyboard, printer, speakers, network connectivity, as well as any other devices that can be supported by your operating system.

POS with Expansion A
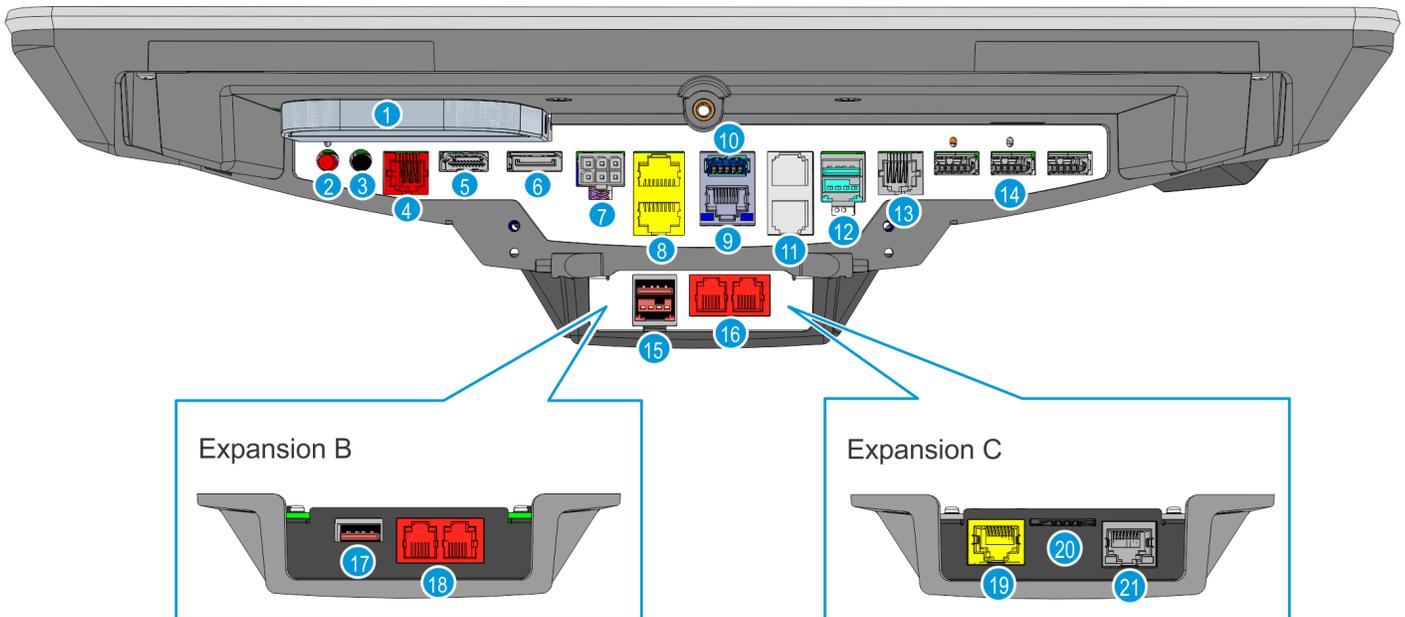
1 – Removable SSD	**8** – RJ45 Serial Ports (2)	**15** – 24V Powered USB
2 – Power Button	**9** – Ethernet Port	**16** – RJ12 Serial Ports (2)
3 – Recovery Button	**10** – USB 3.0	**17** – 5V USB
4 – RJ12 Cash Drawer	**11** – RJ11 Serial Ports (2)	**18** – RJ12 Serial Ports (2)
5 – HDMI	**12** – 12V Powered USB	**19** – RJ45 Serial Port
6 – Display Port	**13** – RJ12 Serial Port	**20** – SIM Card Reader
7 – Power In	**14** – USB 3.0 (3)	**21** – RJ45 Power Over Ethernet PSE

61479

Note: SIM cards must be inserted while the terminal is powered off.

RJ12 Serial Port

The RJ12 serial port is a 6-pin RJ12 connector. Each RJ12 port is capable of supplying 12V at 500mA max.

Pin Diagram	Pin	Signal Name
*FRONT VIEW	1	POWER/RTS
	2	GND
	3	TX
	4	RX
6 5 4 3 2 1	5	GND
*Front view looking into the connector.	6	CTS

RJ12 Adapter Kits

If a peripheral device requires a different connector to connect to the P1535 POS terminal serial RJ12 connector, order the following adapter kits:

RJ12 Adapter Kits	
1639-K159	DB9M to RJ12 Adaptor (CN100381)
1639-K072	6 ft RJ12 cable (CB10548)
1639-K401	RJ12M to RJ45F Remote Serial Printer Converter Dongle

RJ45 Serial Port

The RJ45 port is an 8-pin modular jack connector. Maximum power capability is 0.5A on the 12V/RTS pin and 0.5A on the 5V/DTR pin from this port. The power output from this port is protected by a current–limiting power switch.

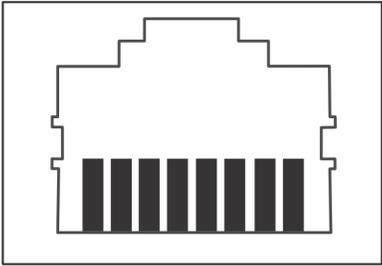| Pin Diagram	Pin	Signal Name
*FRONT VIEW 8 7 6 5 4 3 2 1 *Front view looking into the connector.*	1	DSR
	2	DCD
	3	DTR/5V
	4	GND
	5	RXD
	6	TXD
	7	CTS
	8	RTS/12V

RJ45 Adapter Kits

If a peripheral device requires a different connector to connect to the P1535 POS terminal serial RJ45 connector, order the following adapter kits:

RJ45 Adapter Kits	
1639–K332	RJ45 to DB25 Adapter Cable 1.85m
1639–K333	RJ45 to DB9 Adapter Cable 1.85m
1639–K400	RJ45 to HSR RJ12 Serial Coverter Dongle
1639–K410	RJ45M to RJ45F Remote Serial Printer Converter Dongle

LAN

The 7761 Motherboard provides 10/100/1000 Base T Ethernet support using Realtek RTL8111F controller. The 7761 Motherboard supports Wake on LAN. The connector features an integrated magnetic module and 2 LEDs. The LED on the left is yellow and indicates Link/Activity at 1GBit speed when lit/flashing. The LED on the right is green and indicates Link/Activity at 10/100Mbit speed when lit/flashing.

Pin	Signal Name
1	TD0+
2	TD0-
3	TD1+
4	TD1-
5	TD2+
6	TD2-
7	TD3+
8	TD3-
9	FRAME GND
10	FRAME GND

LAN Cable Kit

LAN Cable Kit	
1432–C046–0030	POS; 10/100/1000 CAT 5E Ethernet Cable (ANSI compliantl; 8–wire

USB 3.0 Compliant Ports

The 7761 Motherboard provides 4 USB 3.0 compliant ports. Each USB port is capable of supplying 5V at 900mA max.

Pin Diagram	Pin	Signal Name
	1	VBUS
	2	D-
	3	D+
	4	GND
	5	StdA_SSRX-
	6	StdA_SSRX+
	7	GND_DRAIN
	8	StdA_SSTX-
	9	StdA_SSTX+
	Shell	Shield

Cash Drawer (CD) Port

A single 6-position RJ12 connector (Molex 44248-0065 or NCR approved equivalent) is used.

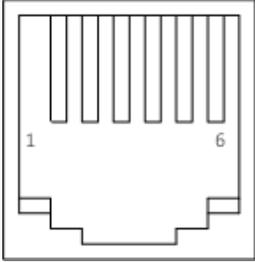| Pin Diagram	Pin	Signal Name
	1	LOGIC GND
	2	SOLENOID A
	3	OPEN/CLOSE STATUS
	4	+24V
	5	SOLENOID B
	6	POWER GND

Cash Drawer Cable Kits

The terminal supports a 2–drawer configuration with a Dual Cash Drawer Cable. Connect this cable to the terminal or transaction printer cash drawer connector.

Note: When connecting a single 12 V legacy cash drawer, the 1432–C517–0009 cable is required to be used.

Caution: The two cables look very similar. Make sure you use the correct one. Connecting the wrong cable can cause system damage.

Cash Drawer Cable Kits	
1432–C516–0009 (24V)	24V Cash Drawer Cable Splitter
1432–C517–0009 (12V)	12V Cash Drawer Cable Splitter

Installing the Power Supply

If a power supply is not installed in the base of the P1535 terminal, install a 19 V power supply.

⚠️ **Caution:** The P1535 terminal requires the NCR 19 V or 24 V power supply that is shipped with the terminal. Use of other power supply may cause damage to the unit. Do not connect or disconnect the 19 V or 24 V Power Cable from the terminal with the AC Power Cord still connected to an AC outlet.

To install the 19 V power supply, perform the following procedure:

1. Unpack the terminal in the desired location.

2. Pivot the display toward the back.
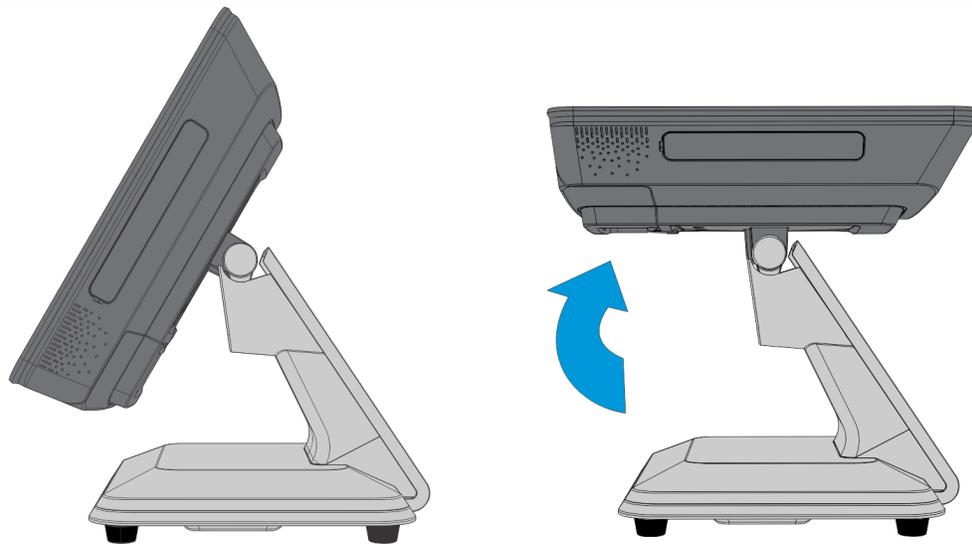
61031

3. Remove the Upper Stand Cover by pivoting it away from the stand. The cover has a simple snap fit connection at the top.
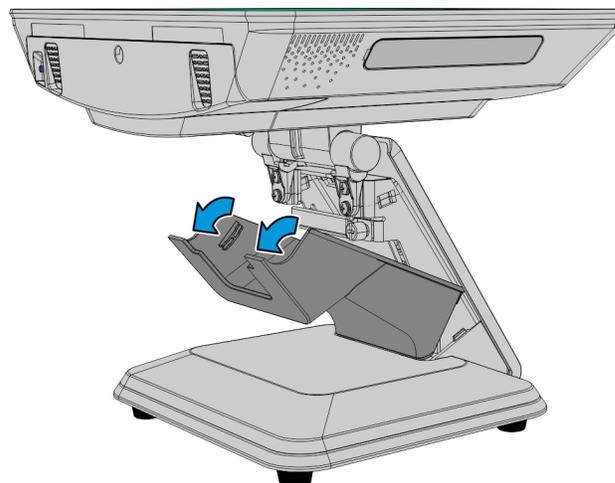
61032

4. Loosen the Thumbscrew that secures the Base Cover.

Thumbscrew
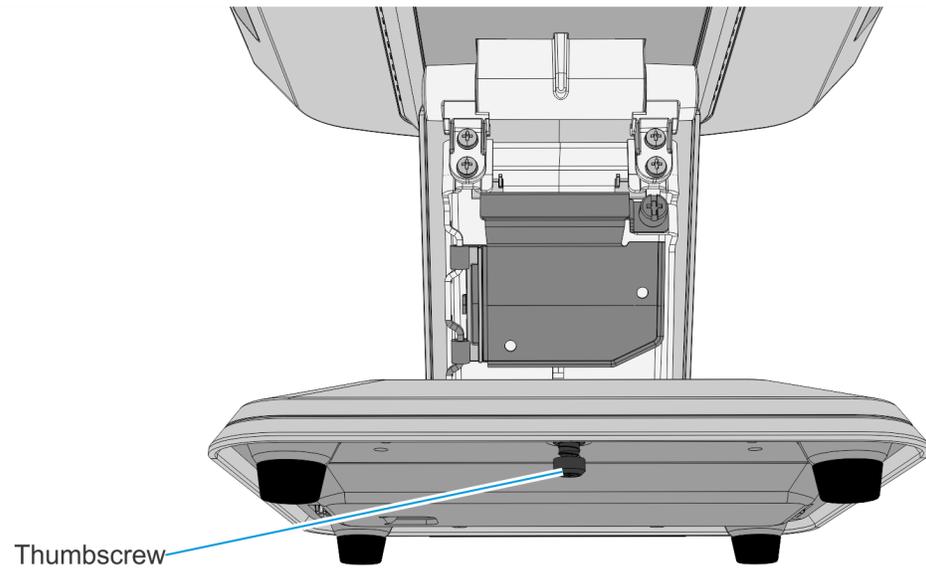
61037

5. Slide the Base Cover toward the front slightly to disengage it from the Base.
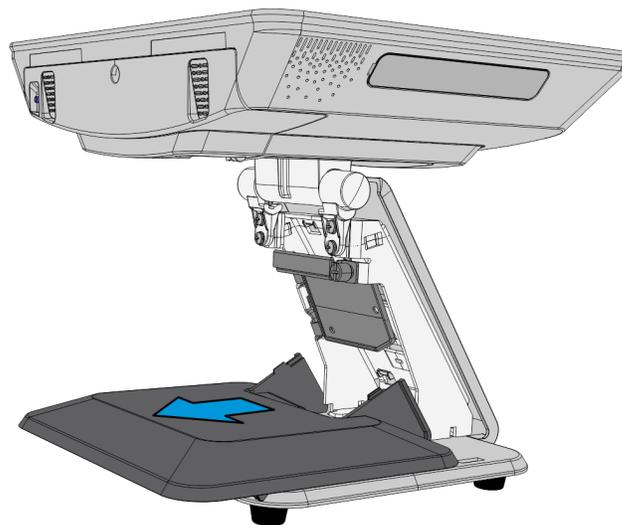
61038

6.   Route the AC Power Cord up through the base of the stand.
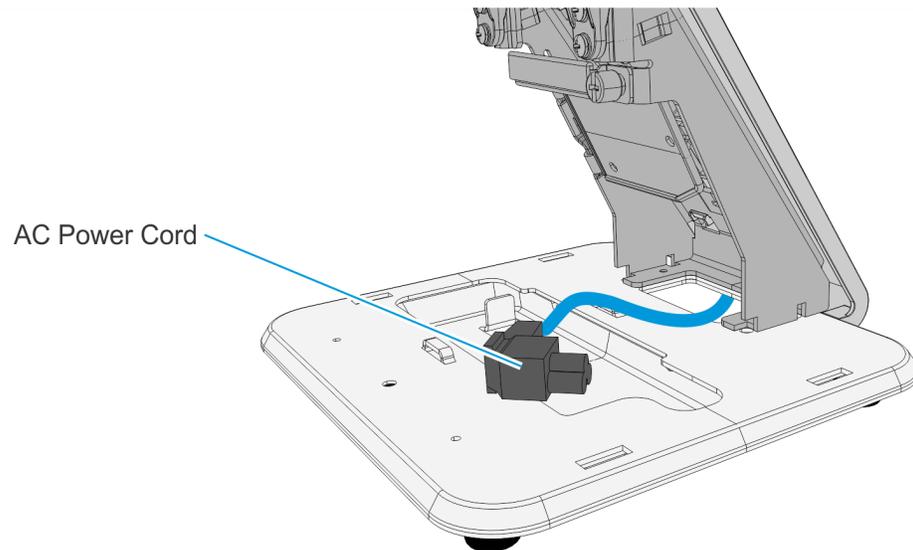
AC Power Cord

61039

7.   Attach the Power Cord to the Power Brick.

8.   Install the Power Brick in the Base.
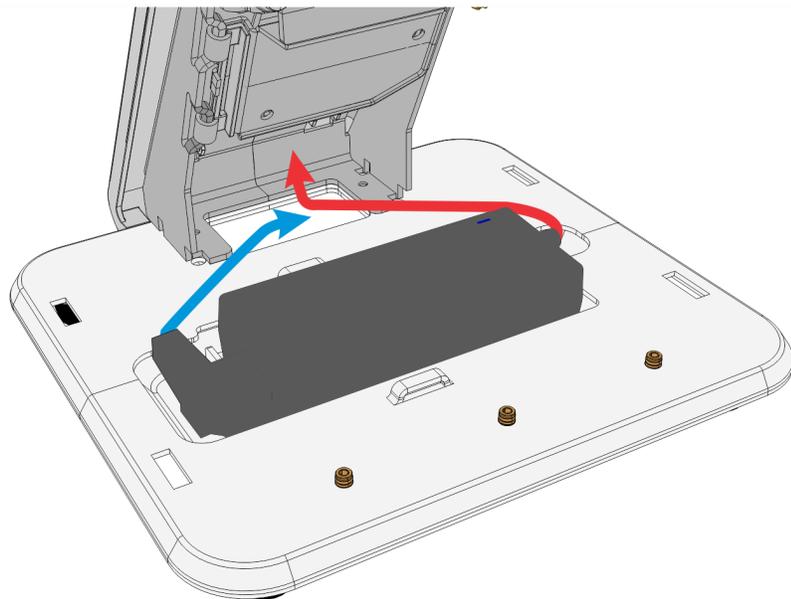
61041

9. Loosen the thumbscrew to open the Cable Door.

Cable Door
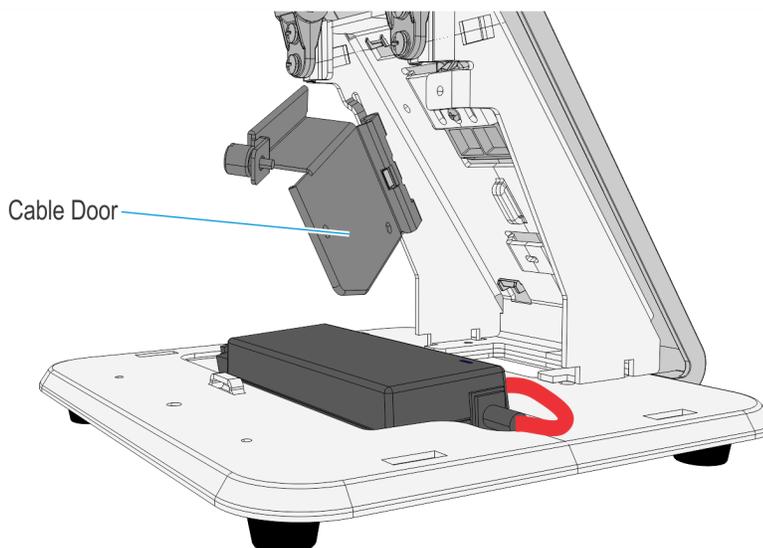
61042

10. Loosen the screw on the Terminal Cable Cover. To open, press the indentations on the Cable Cover to unlatch the cover then pivot to open.

Press Here

Thumbscrew
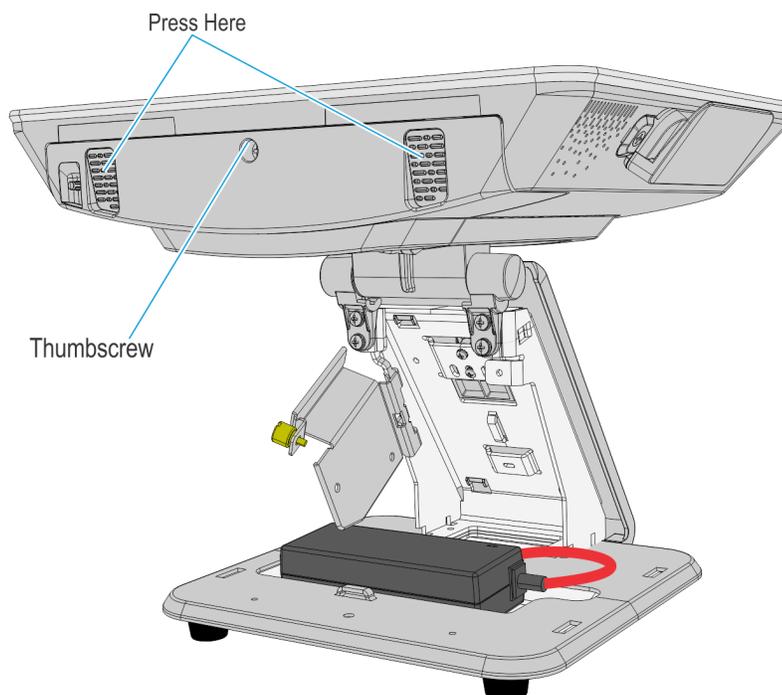
61040

11. Route the power cable up through the stand and connect the power supply cable to the **Power In** connector.
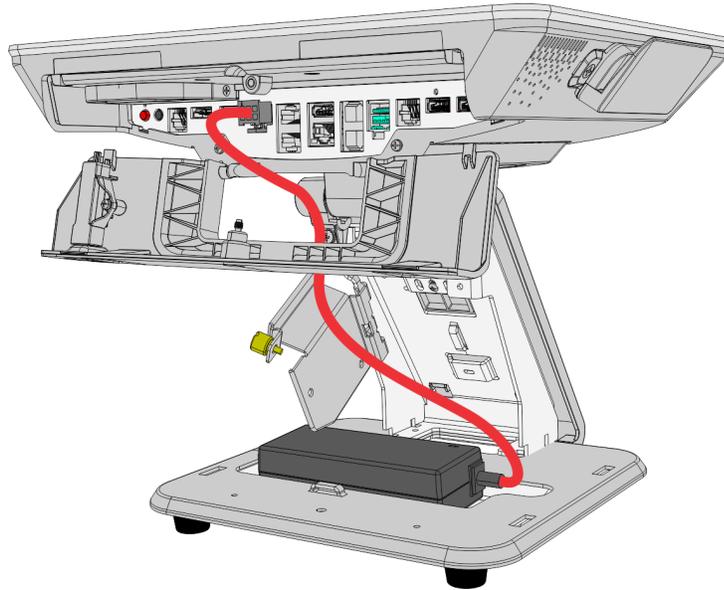
71352

12. Secure the excess power cables with a cable tie and place the cables behind the Cable Door.

13. Close the Cable Door and tighten the thumbscrew to secure the door.
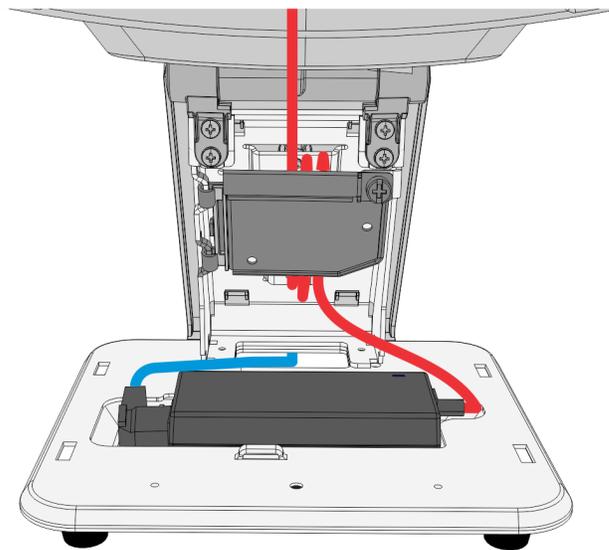
61043

14. Reinstall the Base Cover and tighten thumbscrew to secure cover.

15. Connect the AC Power cord to an AC outlet.

Removing Top Assembly

1. Lay the terminal face down on a flat surface.

⚠️ **Caution:** Always use a soft material (cloth, foam) to protect the display screen when placing the terminal face down.

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

Screws
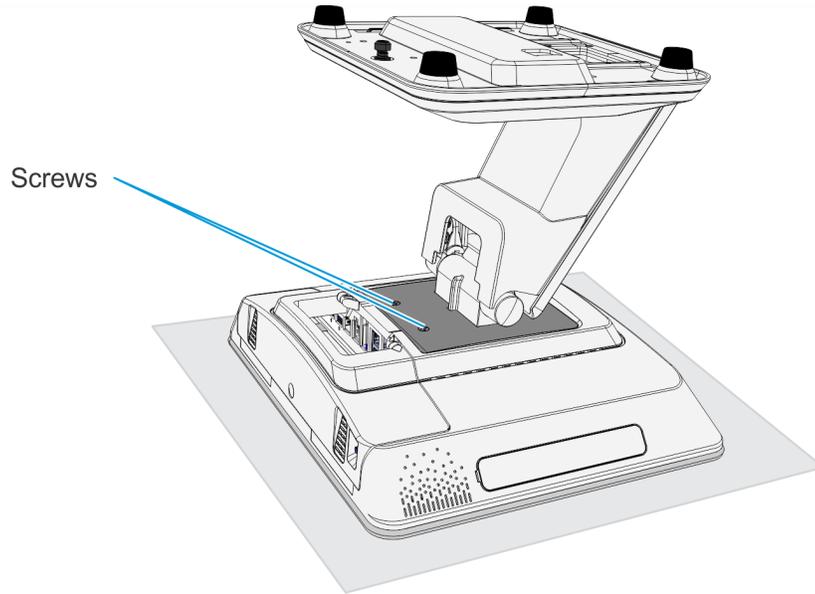
61044

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

Mounting Plate Studs
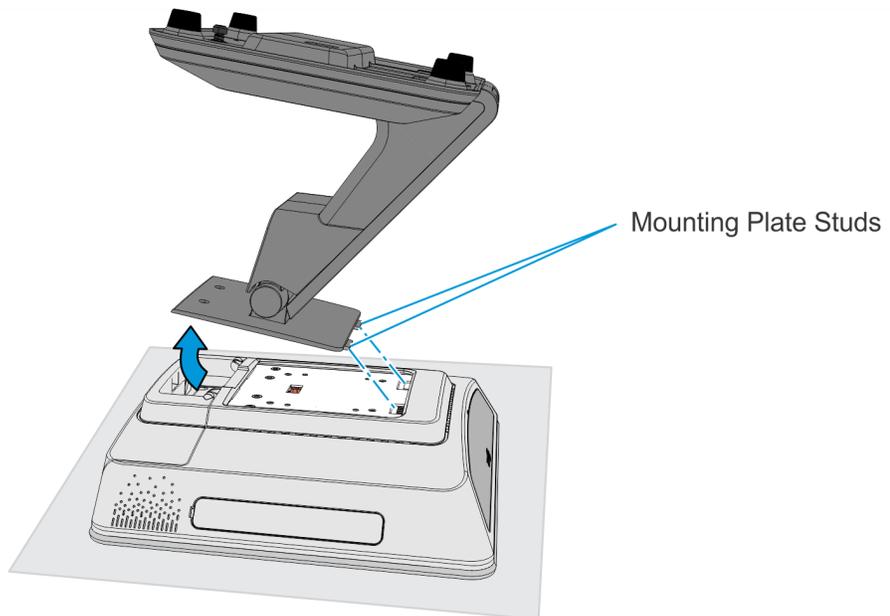
61045

Terminal with Expansion

1. Lay the terminal face down on a flat surface.

⚠️ **Caution:** Always use a soft material (cloth, foam) to protect the display screen when placing the terminal face down.
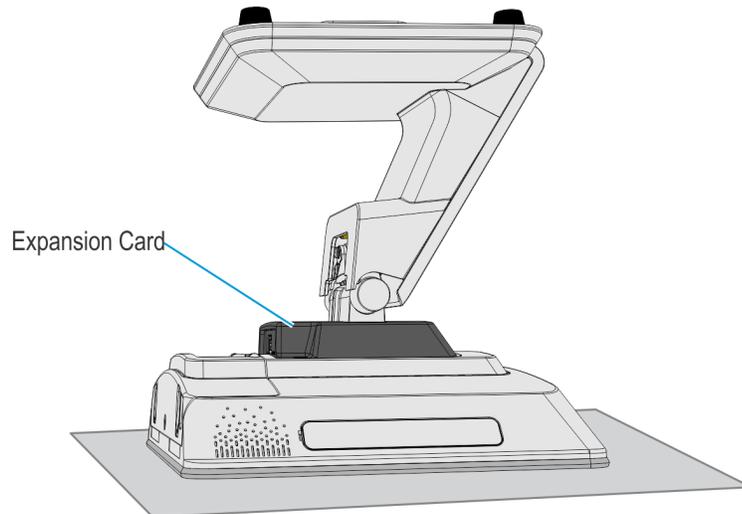
Expansion Card

66087

2. Remove the screws (2) that secure the expansion to the display.
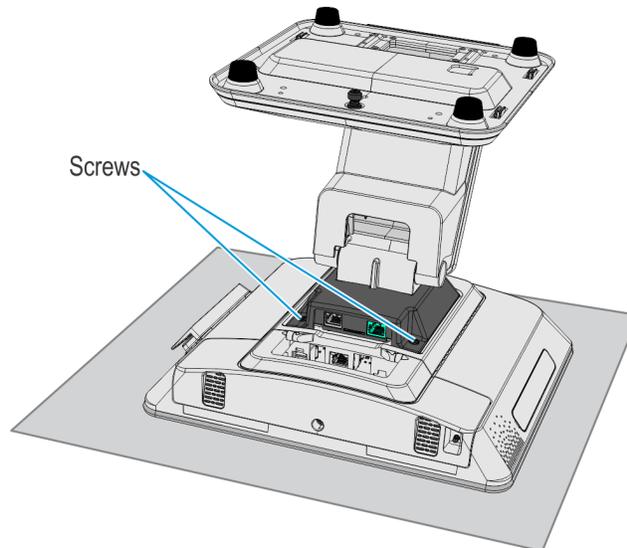
Screws

66088

3. Remove the stand and the Hinge Mount installed over the Expansion Board assembly.

Hinge Mount
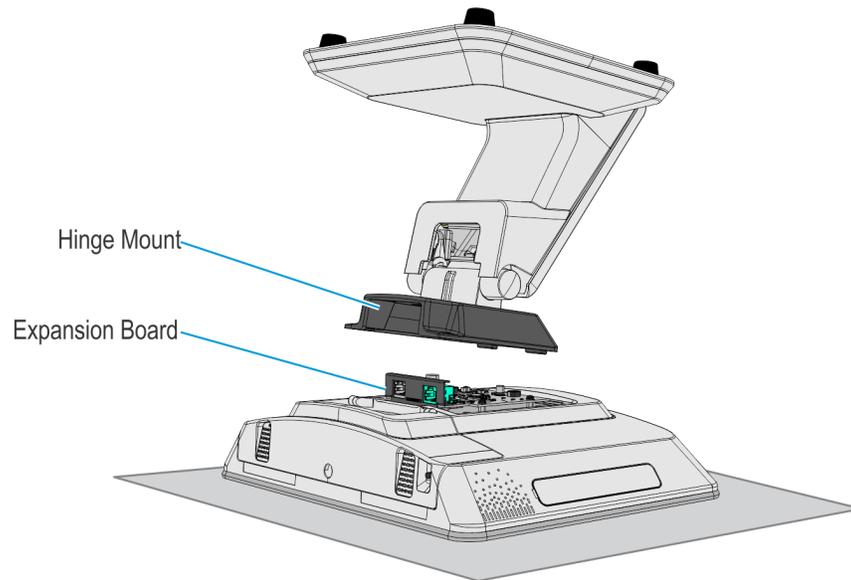
Expansion Board

66089

4. Remove the screws (4) that secure the Expansion Board assembly.

Screws

Expansion Board
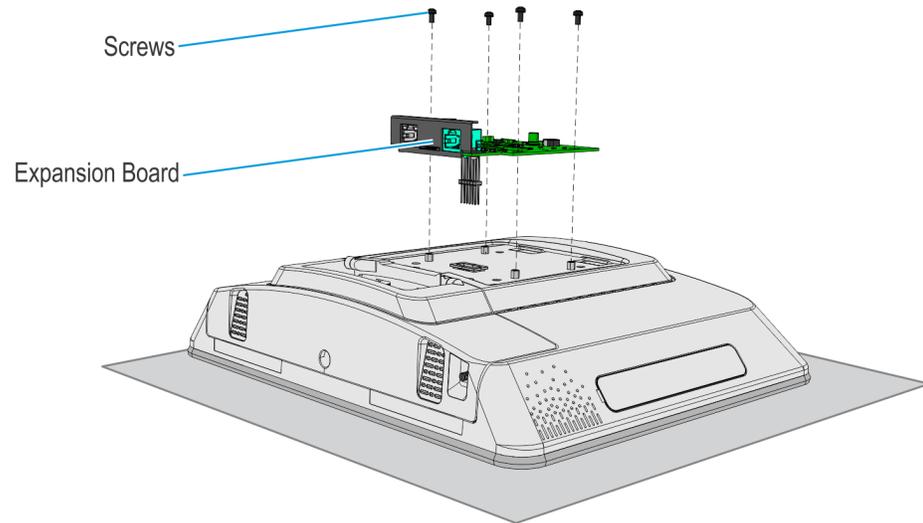
66090

Chapter 3: **Cleaning**

Cleaning the Touchscreen

Touchscreens can be effectively cleaned with diluted detergent or up to 70% isopropyl alcohol solution. Follow these steps to avoid damage to the touchscreen:

Warning: **Do not use sharp objects to clean around the edges of the touchscreen. Do not use abrasive cleaners (powders) or abrasive cleaning materials (scrub brush, scouring pad).**

1. Clean the screen using a non-abrasive cloth (microfiber cleaning cloth or cloth towel) and a diluted detergent solution, such as household soap and water.

Warning: **Do not apply any cleaning products directly to the screen. Do not soak the cloth: wring it out before use.**

2. Dry the screen with another soft cloth.

3. Clean the screen further using a cloth dampened with isopropyl alcohol solution, or using pre-packaged wipes.

Warning: **Do not apply any cleaning products directly to the screen. Do not soak the cloth: wring it out before use.**

4. Ensure the glass and screen edges are completely dry before using the unit.

Cleaning the Cabinet

1. Disconnect the unit from the power outlet before cleaning.

2. Wipe the cabinet using a non-abrasive cloth (microfiber cleaning cloth or cloth towel) dampened with soap and water solution.

   Warning: Do not use alcohol (methyl, ethyl, or isopropyl) or any strong dissolvent. Do not use thinner or benzene, abrasive cleaners (powders), abrasive cleaning materials (scrub brush, scouring pad), or compressed air. Do not use any other types of cleaners such as vinegar, solvents, degreasers, or ammonia-based cleaners. These can damage the unit.

   Warning: Avoid getting liquids inside the unit. If liquid does get inside, have a qualified service technician check it before you power it on again.

3. Wipe the cabinet using a clean and dry lint-free cloth.

4. Remove external dust around the cooling vents.

Appendix A: Product IDs

P1535 POS (7761)

PID	Description
7761-1500-8800	P1535 Res 40GB 8GB RAM WEPR7-32bit MMSR Int2x20 XD10 Wifi
7761-3000-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR
7761-3001-8800	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR
7761-3002-8800	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR
7761-3003-8800	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR
7761-3004-8800	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR
7761-3005-8800	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR
7761-3006-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR Int2x20
7761-3007-8800	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR Int2x20
7761-3008-8800	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR Int2x20
7761-3009-8800	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR Int2x20
7761-3010-8800	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR Int2x20
7761-3011-8800	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR Int2x20
7761-3012-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR BIO
7761-3013-8800	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR BIO
7761-3014-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR Wifi
7761-3015-8800	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR Wifi
7761-3016-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR BIO Wifi
7761-3017-8800	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR BIO Wifi
7761-3018-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR Ext2x20
7761-3019-8800	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR Ext2x20
7761-3020-8800	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR Ext2x20
7761-3021-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR XD10

PID	Description
7761-3022-8800	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XD10
7761-3023-8800	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR XD10
7761-3024-8800	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR XD10
7761-3025-8800	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR XD10
7761-3026-8800	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XD10 BIO
7761-3027-8800	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR Int2x20 BIO
7761-3028-8800	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR Int2x20 BIO
7761-3029-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR XB
7761-3030-8800	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XB
7761-3031-8800	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR XB
7761-3032-8800	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR XB
7761-3033-8800	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR XB
7761-3034-8801	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MBlank Int2x20 EU Cord OM
7761-3035-8801	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MBlank Int2x20 EU Cord OM
7761-3036-8801	P1535 PCAP 60GB 4GB RAM WEPR7-64bit Mblank EU Cord OM
7761-3037-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MBlank
7761-3038-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MBlank Int2x20
7761-3039-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MBlank BIO
7761-3040-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MBlank Int2x20 BIO
7761-3041-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR
7761-3042-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR Int2x20
7761-3043-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR BIO
7761-3044-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR Int2x20 BIO
7761-3045-8800	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR BIO
7761-3046-8801	P1535 PCAP 40GB 4GB RAM WEPR7-64bit 2n1 EU Cord OM
7761-3047-8801	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MBlank EU Cord OM
7761-3048-8801	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR EU Cord OM
7761-3049-8801	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR Int2x20 SC Wifi EU Cord OM
7761-3050-8801	P1535 PCAP 60GB 4GB RAM WEPR7-64bit 2n1 EU Cord OM

PID	Description
7761-3051-8801	P1535 PCAP 40GB 4GB RAM WEPR7-64bit 2n1 POE EU Cord OM
7761-3052-8801	P1535 PCAP 60GB 4GB RAM WEPR7-64bit 2n1 POE EU Cord OM
7761-3053-8801	P1535 PCAP 120GB 4GB RAM WEPR7-64bit 2n1 POE EU Cord OM
7761-3054-8801	P1535 PCAP 120GB 8GB RAM WEPR7-64bit 2n1 POE EU Cord OM
7761-3055-8801	P1535 PCAP 120GB 8GB RAM WEPR7-64bit 2n1 EU Cord OM
7761-3056-8801	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MBlank Int2x20 EU Cord OM
7761-3057-8800	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR Int2x20 SC
7761-3058-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR RJ12
7761-3059-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR PUSB UV 150W
7761-3060-8800	P1535 PCAP 40GB 4GB RAM No OS MSR
7761-3061-8800	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR Int2x20
7761-3100-0060	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR
7761-3100-0061	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR
7761-3100-0062	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR
7761-3100-0063	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR
7761-3100-0064	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20
7761-3100-0065	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR Int2x20
7761-3100-0066	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR Int2x20
7761-3100-0067	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR Int2x20
7761-3100-0068	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR BIO
7761-3100-0069	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR BIO
7761-3100-0070	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Wifi
7761-3100-0071	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR Wifi
7761-3100-0072	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR BIO Wifi
7761-3100-0073	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR BIO Wifi
7761-3100-0074	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Ext2x20
7761-3100-0075	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10
7761-3100-0076	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR XD10
7761-3100-0077	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR XD10

PID	Description
7761-3100-0078	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10 BIO
7761-3100-0079	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20 BIO
7761-3100-0080	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR Int2x20 BIO
7761-3100-0081	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR Int2x20 BIO
7761-3100-0082	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XB
7761-3100-0083	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR XB
7761-3100-0084	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR XB
7761-3100-0085	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR XB
7761-3100-0086	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank
7761-3100-0087	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank Int2x20
7761-3100-0088	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank BIO
7761-3100-0089	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank Int2x20 BIO
7761-3100-0090	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20 SC
7761-3100-0091	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR RJ12
7761-3100-0092	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR UV
7761-3100-0134	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR BIO/SC
7761-3100-0135	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR BIO/SC
7761-3100-0136	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR BIO
7761-3100-0137	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR SC
7761-3100-0138	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20 BIO/SC
7761-3100-0140	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10 Wifi
7761-3100-0141	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR Int2x20 BIO
7761-3100-0144	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR XT10 BIO
7761-3100-0145	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20
7761-3100-0146	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR XT10
7761-3100-0147	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XT10
7761-3100-0148	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR XT10
7761-3100-0149	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR XT10
7761-3100-0150	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR XT10

PID	Description
7761-3100-0151	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XT10 BIO
7761-3100-0152	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XT10
7761-3100-0153	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR XT10
7761-3100-0154	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR XT10
7761-3100-0155	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XT10 BIO
7761-3100-0156	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XT10 Wifi
7761-3100-0157	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR XT10 BIO
7761-3100-0158	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR no Cord
7761-3100-0159	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR no Cord
7761-3100-0160	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR no Cord
7761-3100-0161	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR no Cord
7761-3100-0162	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR Int2x20 no Cord
7761-3100-0163	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR BIO no Cord
7761-3100-0164	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR Int2x20 BIO no Cord
7761-3100-0165	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR no Cord
7761-3100-0166	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR no Cord
7761-3100-0167	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR no Cord
7761-3100-0168	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR no Cord
7761-3100-0169	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20 no Cord
7761-3100-0170	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR Int2x20 no Cord
7761-3100-0171	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR Int2x20 no Cord
7761-3100-0172	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR Int2x20 no Cord
7761-3100-0173	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR BIO no Cord
7761-3100-0174	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR BIO no Cord
7761-3100-0175	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Wifi no Cord
7761-3100-0176	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR Wifi no Cord
7761-3100-0177	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR BIO Wifi no Cord
7761-3100-0178	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR BIO Wifi no Cord
7761-3100-0179	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Ext2x20 no Cord

PID	Description
7761-3100-0180	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10 no Cord
7761-3100-0181	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR XD10 no Cord
7761-3100-0182	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR XD10 no Cord
7761-3100-0183	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10 BIO no Cord
7761-3100-0184	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20 BIO no Cord
7761-3100-0185	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR Int2x20 BIO no Cord
7761-3100-0186	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR Int2x20BIO no Cord
7761-3100-0187	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XB no Cord
7761-3100-0188	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR XB no Cord
7761-3100-0189	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR XB no Cord
7761-3100-0190	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR XB no Cord
7761-3100-0191	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank no Cord
7761-3100-0192	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank Int2x20 no Cord
7761-3100-0193	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank BIO no Cord
7761-3100-0194	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank Int2x20 BIO no Cord
7761-3100-0195	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20 SC no Cord
7761-3100-0196	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR RJ12 no Cord
7761-3100-0197	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR UV no Cord
7761-3100-0198	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR BIO/SC no Cord
7761-3100-0199	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR BIO/SC no Cord
7761-3100-0200	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR BIO no Cord
7761-3100-0201	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR SC no Cord
7761-3100-0202	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20 BIO/SC no Cord
7761-3100-0203	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR Int2x20 BIO
7761-3100-0204	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR Int2x20 BIO no Cord
7761-3100-0205	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR BIO
7761-3100-0206	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR BIO no Cord
7761-3100-0207	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR BIO
7761-3100-0208	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR BIO XB

PID	Description
7761-3100-0209	P1535 PCAP 60GB 4GB RAM WEPR7 32-bit no MSR RJ12
7761-3100-0210	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR RJ12
7761-3100-0211	P1535 PCAP 120GB 4GB RAM WEPR7-32bit MSR RJ12
7761-3100-0212	P1535 PCAP 120GB 4GB RAM WEPR7-32bit MSR XR-STAND BIO PUSB 150W
7761-3100-0213	P1535 PCAP 120GB 8GB RAM WEPR7-32bit MSR XD10
7761-3100-0214	P1535 PCAP 40GB 4GB RAM Android MSR
7761-3100-0215	P1535 PCAP 40GB 4GB RAM Android MSR Int2x20
7761-3100-0216	P1535 PCAP 40GB 4GB RAM Android MSR Ext2x20
7761-3100-0217	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MSR BIO XB
7761-3100-0218	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MBlank
7761-3100-0219	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR BIO/SC
7761-3100-0220	P1535 PCAP 60GB 8GB RAM Win10E-64bit MSR QS BIO/SC 150W XR-Stand
7761-3100-0221	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR QS 150W XR-Stand
7761-3100-0222	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR QS 150W
7761-3100-0223	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR QS 150W XR-Stand
7761-3100-0224	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR QS 150W
7761-3100-0225	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank XB
7761-3100-0226	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR RJ12 Int2x20
7761-3100-0227	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR Int2x20 BIO
7761-3100-0228	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR Int2x20
7761-3100-0229	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR Int2x20 BIO XB
7761-3100-0230	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR 1KBIO
7761-3100-0231	P1535 PCAP 60GB 8GB RAM Win10E-64bit MBlank QS BIO/SC 150W XR-Stand
7761-3100-0232	P1535 PCAP 60GB 8GB RAM WEPR7-64bit MSR Int2x20 XB
7761-3101-0093	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MBlank Wifi EU Cord OM
7761-3101-0094	P1535 PCAP 60GB 4GB RAM WEPR7-64bit 2n1 Int2x20 EU Cord OM
7761-3101-0095	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR Int2x20 EU Cord OM
7761-3101-0096	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MBlank XB EU Cord OM
7761-3101-0097	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MBlank XB EU Cord OM

PID	Description
7761-3101-0098	P1535 PCAP 60GB 4GB RAM WEPR7-64bit 2n1 XB EU Cord OM
7761-3101-0099	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MBlank XB Int2x20 EU Cord OM
7761-3101-0100	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR XB EU Cord OM
7761-3101-0101	P1535 PCAP 60GB 4GB RAM Win10E-64bit 2n1 EU Cord
7761-3101-0102	P1535 PCAP 60GB 4GB RAM Win10E-64bit 2n1 POE EU Cord
7761-3101-0103	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank EU Cord
7761-3101-0104	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank Int2x20 EU Cord
7761-3101-0105	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR EU Cord
7761-3101-0106	P1535 PCAP 120GB 8GB RAM Win10E-64bit MBlank EU Cord
7761-3101-0107	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR Int2x20 EU Cord
7761-3101-0108	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank POE EU Cord
7761-3101-0109	P1535 PCAP 60GB 4GB RAM Win10E-64bit 2n1 Wifi EU Cord
7761-3101-0110	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank Wifi EU Cord
7761-3101-0111	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank XB EU Cord
7761-3101-0112	P1535 PCAP 60GB 4GB RAM Win10E-64bit 2n1 XB EU Cord
7761-3101-0113	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank Int2x20 XB EU Cord
7761-3101-0114	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XB EU Cord
7761-3101-0115	P1535 PCAP 120GB 8GB RAM Win10E-64bit MBlank XB EU Cord
7761-3101-0116	P1535 PCAP 40GB 4GB RAM No OS 2n1 EU Cord
7761-3101-0117	P1535 PCAP 40GB 4GB RAM No OS 2n1 POE EU Cord
7761-3101-0118	P1535 PCAP 40GB 4GB RAM No OS MBlank EU Cord
7761-3101-0119	P1535 PCAP 40GB 4GB RAM No OS MBlank Int2x20 EU Cord
7761-3101-0120	P1535 PCAP 40GB 4GB RAM No OS MSR EU Cord
7761-3101-0121	P1535 PCAP 40GB 4GB RAM No OS MBlank POE EU Cord
7761-3101-0122	P1535 PCAP 60GB 4GB RAM No OS 2n1 Wifi EU Cord
7761-3101-0123	P1535 PCAP 60GB 4GB RAM No OS MSR EU Cord
7761-3101-0124	P1535 PCAP 60GB 4GB RAM No OS MBlank EU Cord
7761-3101-0125	P1535 PCAP 120GB 4GB RAM No OS MSR Int2x20 SC Wifi EU Cord
7761-3101-0126	P1535 PCAP 120GB 4GB RAM No OS MBlank EU Cord

PID	Description
7761-3101-0127	P1535 PCAP 120GB 8GB RAM No OS MBlank EU Cord
7761-3101-0128	P1535 PCAP 40GB 4GB RAM No OS MBlank XB EU Cord
7761-3101-0129	P1535 PCAP 40GB 4GB RAM No OS 2n1 XB EU Cord
7761-3101-0130	P1535 PCAP 40GB 4GB RAM No OS MBlank Int2x20 XB EU Cord
7761-3101-0131	P1535 PCAP 40GB 4GB RAM No OS MSR XB EU Cord
7761-3101-0132	P1535 PCAP 60GB 4GB RAM No OS MBlank XB EU Cord
7761-3101-0133	P1535 PCAP 120GB 8GB RAM No OS MBlank XB EU Cord
7761-3101-0139	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR Int2x20 EU Cord OM
7761-3101-0140	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR Int2x20 Wifi EU Cord OM
7761-3101-0141	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MBlank Int2x20 POE EU Cord OM
7761-3101-0142	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MBlank POE EU Cord OM
7761-3101-0143	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR XD10 BIO
7761-3101-0144	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MBlank EU Cord OM
7761-3101-0145	P1535 PCAP 120GB 8GB RAM WEPR7-64bit MBlank EU Cord OM
7761-3101-0146	P1535 PCAP 120GB 8GB RAM Win10E-64bit 2n1 EU Cord
7761-3101-0147	P1535 PCAP 60GB 4GB RAM No OS MSR XB EU Cord
7761-3101-0148	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MBlank BIO UK Cord OM
7761-3101-0149	P1535 PCAP 60GB 4GB RAM Win10E-64bit 2in1 Int2x20 EU Cord
7761-3101-0150	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank BIO UK Cord
7761-3101-0151	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR EU Cord OM
7761-3101-0152	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR EU Cord
7761-3101-0153	P1535 PCAP 60GB 4GB RAM No OS MBlank BIO EU Cord
7761-3101-0154	P1535 PCAP 60GB 4GB RAM MBlank WEPR7-64bit BIO EU Cord OM
7761-3101-0155	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR EU Cord OM
7761-3101-0157	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank BIO EU Cord
7761-3101-0159	P1535 PCAP 60GB 4GB RAM No OS 2n1 EU Cord
7761-3101-0160	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR CHINA
7761-3101-0161	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR CHINA
7761-3101-0162	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR CHINA

PID	Description
7761-3101-0163	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR 2x20DB CHINA
7761-3101-0164	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR CHINA
7761-3101-0165	P1535 PCAP 60GB 4GB RAM WEPR7-64bit MSR 2x20DB CHINA
7761-3101-0166	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR BIO CHINA
7761-3101-0167	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR 2x20DB CHINA
7761-3101-0168	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR 2x20DB CHINA
7761-3101-0169	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR 2x20DB CHINA
7761-3101-0170	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR 2x20DB CHINA
7761-3101-0171	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR 2x20DB CHINA
7761-3101-0172	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR BIO CHINA
7761-3101-0173	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR 2x20DB BIO CHINA
7761-3101-0174	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR 2x20DB BIO CHINA
7761-3101-0175	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XD10 CHINA
7761-3101-0176	P1535 PCAP 120GB 4GB RAM WEPR7-64bit MSR XD10 CHINA
7761-3101-0177	P1535 PCAP 40GB 8GB RAM WEPR7-64bit MSR XD10 CHINA
7761-3101-0178	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XD10 BIO CHINA
7761-3101-0179	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR 2x20DB CHINA
7761-3101-0180	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR BIO CHINA
7761-3101-0181	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR 2x20DB CHINA
7761-3101-0182	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10 CHINA
7761-3101-0183	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR XD10 CHINA
7761-3101-0184	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10 BIO CHINA
7761-3101-0185	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR 2x20DB BIO CHINA
7761-3101-0186	P1535 PCAP 120GB 4GB RAM Win10E-64bit MSR 2x20DB BIO CHINA
7761-3101-0187	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR 2x20DB SC CHINA
7761-3101-0188	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XB CHINA
7761-3101-0189	P1535 PCAP 120GB 8GB RAM Win10E-64bit MSR XB CHINA
7761-3101-0190	P1535 PCAP 60GB 4GB RAM Win10E-64bit MBlank CHINA
7761-3101-0193	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR Int2x20 UK Cord

PID	Description
7761-3101-0194	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR Int2x20 EU Cord
7761-3101-0195	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR XD10 UK Cord
7761-3101-0196	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR XD10 EU Cord
7761-3101-0197	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XD10 UK Cord
7761-3101-0198	P1535 PCAP 40GB 4GB RAM WEPR7-64bit MSR XD10 EU Cord
7761-3101-0199	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10 BIO UK Cord
7761-3101-0200	P1535 PCAP 60GB 4GB RAM Win10E-64bit MSR XD10 BIO EU Cord
7761-3101-0201	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR UK Cord
7761-3101-0202	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR EU Cord
7761-3101-0203	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR Int2x20 UK Cord
7761-3101-0204	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR Int2x20 EU Cord
7761-3101-0205	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR Int2x20 BIO UK Cord
7761-3101-0206	P1535 PCAP 60GB 4GB RAM WEPR7-32bit MSR Int2x20 BIO EU Cord
7761-3500-8800	P1535 PCAP 40GB 4GB RAM WEPR7-32bit MSR Int2x20 Ext2x20 BIO/SC Cam Wifi