

PRODUCT

NCR XL Displays Class 5907 / 5910 / 5915 Configuration and Pricing

MB-POS-1256
February 27, 2018

Note: This is the first issue.

The following pages provide product, configuration and pricing information about the NCR Class 5907, 5910 and 5915 displays.

- These displays have not yet been certified with ENCOR, ISS45 or ScanMaster, but are likely to behave similarly to NCR XL displays when similarly configured.
- Channel Partners are advised to order demonstration and lab units to test configurations prior to resale.
- Prices provided are provisional MRPs. Final prices paid by Channel Partners are determined by your distributor (ScanSource or BlueStar).
- A selection sequence is provided to enable PID-level ground-up configurations with all units, options, cables etc. available and selectable.
- Distributors will often stock “M-BOM” packages that include multiple PIDs in pre-packaged configurations.



XL-Series Displays

(Classes 5907, 5910, 5915)

Ordering & Configuration Information

NCR COMPANY CONFIDENTIAL

Date: February 16, 2018



The NCR XL-Series displays are designed to support the NCR next generation of retail terminals. Designed in conjunction with the XR4 retail terminal, the XL-Series displays combine good looks, the latest technology and NCR experience in the retail market to build a display that will last well into the future.

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Product Overview

The XL-Series displays offer flexibility, and ultra-thin design that will look great in any retail environment. Stores are unique and your styling needs are changing. The XL-Series displays feature bright, high contrast LCDs to make it easy to read. These stylish displays will be available in a variety of sizes and include both touch and non-touchscreen displays to meet the needs of different customers. The XL-Series displays can be used as an associate display, rear mounted to a terminal or free standing to display pricing and promotional messages. They are available with an encrypted magnetic stripe reader (MSR) for enhanced security. Whichever options you prefer, these displays are sure to enhance the appearance of your wrap stand or checkout and save you valuable counter space.

- **Tap, zoom, swipe, or scroll**

The ultra-thin XL-Series displays are available in both projected capacitive and resistive touchscreen options to let you select the right option for your stores. Projected capacitive supports gesture based (multi-touch) interactions making it familiar and easy for your associates to use. Another advantage is projected capacitive never requires calibration to help you avoid unnecessary service calls. For environments requiring glove or stylus input, the resistive touchscreen option may best meet your needs.

- **Play it safe**

Let's face it; your store environment can be harsh on point-of-sale equipment. The XL-Series displays are sleek and elegant looking, but still engineered to meet the needs of retail without compromising appearance or ease of use. They are also resistant to dust and liquid infiltration and the stylish flat screen design makes it easy to clean. Software controlled on screen display (OSD) prevents tampering or accidental shutdown.

15" Key Features



15" Resistive

- Single touch interface
- Narrow Bezel design
- Standard 4:3 aspect ratio
- 1024x768 XGA resolution
- 350 NIT LED-backlit LCD
- Display port
- Software OSD Support

15" Projected Capacitive

- Zero Bezel – all glass front
- 10-point multi-touch interface
- Standard 4:3 aspect ratio
- 1024x768 XGA resolution
- 350 NIT LED-backlit LCD
- Display port
- Software OSD Support

15" Display (non-touch)

- Zero Bezel – all glass front
- 350 NIT LED LCD
- Standard 4:3 aspect ratio
- 1024x768 XGA resolution
- Display port
- Software OSD support



10.1" Key Features



10.1" Projected Capacitive

- Zero Bezel – all glass front
- 10-point multi-touch interface
- 400 nit LED LCD
- 16:10 aspect ratio
- 1920x1200 resolution
- Display port OR USB-C 2.0 for NCR terminals
- Software OSD Support

10.1" Display (non-touch)

- Zero Bezel – all glass front
- 400 NIT LED LCD
- 16:10 aspect ratio
- 1920 x1200 resolution
- Display port OR USB-C 2.0 for NCR terminals
- Software OSD support

7" Key Features



7" Projected Capacitive

- Zero Bezel – all glass front
- 2-point multi-touch interface
- 350 nit LED LCD
- 16:9 aspect ratio
- 1024x600 resolution
- USB-C 2.0 for NCR terminals
- Software OSD Support

7" Display (non-touch)

- Zero Bezel – all glass front
- 350 NIT LED LCD
- 16:9 aspect ratio
- 1024 x 600 resolution
- USB-C 2.0 for NCR terminals
- Software OSD support

Explanation of features

- Zero-Bezel – No frame around the front of the display screen which provides a smooth, glass surface that is attractive and easily cleaned. This feature does not apply to Resistive model.
- 10 Point Multi-Touch – the ability to leverage up to 10 touch points on the LCD at once – versus the current single touch screens. Provides future capability to leverage multi-touch gestures, such as zooming (pinch in and out), and app switching (multiple finger swipe left-right).
- Projected Capacitive – Projected Capacitive Touch (PCT or PCAP) technology is a variant of capacitive touch technology. All PCT touch screens are made up of a matrix of rows and columns of conductive material, layered on sheets of glass. When a conductive object, such as a finger, touches a PCT panel, it distorts the local electrostatic field at that point. This is measurable as a change in capacitance. If a finger bridges the gap between two of the "tracks", the charge field is further interrupted and detected by the controller. The capacitance can be changed and measured at every individual point on the grid (intersection). Therefore, this system can accurately track touches. Unlike traditional capacitive touch technology, it is possible for a PCT system to sense a passive stylus or lightly gloved fingers. This is similar technology as used on smart phones.
- Resistive – Required touch technology for use with a non-conductive stylus or a heavily gloved hand.
- Encrypted MSR – Card data is coded at time of swipe and passes from the MSR via USB in a coded format.
- Display Port - The new XL series displays offer a single video interface which mates with the XR series point of sale (POS).
- USB-C – The XL10 and XL7 USB-C models offers a USB Type C interface to mate with the PX10 point of sale.

NCR Display Family Product Comparison (15")



Features	5915 [15"]	5968 (15")	5985 (15")	5943/5967 (15")
Non-Touch version	Yes	N/A	5985	5943
Bezel	Stylish bezel, flat screen (PCAP)	Stylish bezel, flat screen	Zero bezel, flat screen	Traditional bezel
Touchscreen operation	Yes	Yes	No	Yes
Touch - PCAP	Projected Capacitive (10 point multi-touch)	Projected Capacitive (10 point multi-touch)	N/A	Surface Capacitive (single point touch)
Touch - Resistive	5 Wire Resistive	5 Wire Resistive	N/A	N/A
Touchscreen Life expectancy*	PCAP – unlimited Resistive – 35 million at one point	PCAP- Unlimited Resistive – 50 million at one point	N/A	225 million touches at one point
Touch Driver	AUO	TPK	N/A	Microchip
Touch Interface	USB	USB	N/A	USB
Calibration	PCAP - No	No	N/A	Yes
Surface hardness	PCAP - no known degradation Resistive – 4H	PCAP - no known degradation Resistive – 4H	N/A	MOHS 7
Touch Response Time	PCAP – 10ms Resistive – 50ms	PCAP – 10ms Resistive – 50ms	N/A	≤25ms
Video Interface	Display port	Display port, HDMI, VGA, DVI through HDMI	Display port, HDMI, VGA, DVI through HDMI	DVI and VGA
Backlight	LED	LED	LED	LED
Open USB ports	0	1	1	1
LCD Luminance (cd/m ²)	350	500	500 (typ) non-touch	400 (typ) non-touch
Contrast Ratio	800:1	700:1	700:1	700:1
Native Resolution	XGA (1024x768)	XGA (1024x768)	XGA (1024x768)	XGA (1024x768)
Additional Resolutions Supported	VGA (640x480) SVGA (800x600) (dependent on graphics driver capability – no scalar IC)	VGA (640x480) SVGA (800x600), SXGA(1280x1024)	VGA (640x480) SVGA (800x600)	VGA (640x480) SVGA (800x600) SXGA (1280x1024)
User adjustable OSD controls	Allows for brightness adjustment through software OSD.	Allows for adjustments through software OSD. Several controls can be adjusted including brightness, contrast, volume and horizontal/vertical position	Allows for adjustments through software OSD. Several controls can be adjusted including brightness, contrast, volume and horizontal/vertical position	Allows for adjustments through software OSD. Several controls can be adjusted including brightness, contrast, volume and horizontal/vertical position
Viewing Angle	160H / 150V	160H / 150V	160H / 150V	160H / 160V
Display Response Time	≤8ms (typ)	≤8ms (typ)	<8ms (typ)	8ms (typ)

Features	5915 (15")	5968 (15")	5985 (15")	5943/5967 (15")
Audio	Single unamplified speaker; requires amplification from source (terminal). 1W nominal, 1.5W maximum	Integrated stereo speakers - amplified through the display (2w per channel)	Integrated stereo speakers - amplified through the display (2w per channel)	Integrated audio speakers (non-amplified) mounted underneath the display
Power	1x8 latching 12V USB from POS or external power supply	1x8 latching 12V USB from POS or external power supply	1x8 latching 12V USB from POS or external power supply	2x4 latching 12V USB from POS or external power supply
Power consumption	7.5w (typ) 3.3w (standby)	11.7w (typ) 2.1w (standby)	11.4w (typ) 1.4w (standby)	16.3w (typ) 1.1w (standby)
External USB Connectivity	none	One additional external port	One additional external port	One additional external port
MSR Option	NCR encrypted 3-track JIS future	Encrypted 3-track or JIS	Encrypted 3-track or JIS	3-track or JIS
Biometrics	Future	Yes, Integrated	Yes, Integrated	No
Camera	No	Yes, Integrated	No	No
Physical Mounting interface	VESA 75 mm & NCR 100 mm	VESA 75mm & 100mm	VESA 75mm & 100mm	VESA 75mm
Color	Black	Black	Black	Beige or Charcoal
LED Life (hours to ½ brightness of backlight)	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Retail Hardened	Yes - moisture/dust sealed display, software OSD, latching cables	Yes – integrated die cast enclosure, mounting, moisture/dust sealed display, software OSD, latching cables	Yes – integrated die cast enclosure, mounting, moisture/dust sealed display, software OSD, latching cables	Yes – integrated enclosure, mounting, sealed, software OSD, latching cables, IPX3
Certifications	TUV/UL/CU/NOM /KC/CCC	TUV/UL/NOM/ CU/KC/CCC	TUV/UL/NOM/ CU/KC/CCC	TUV/UL/NOM/ CU/KC/CCC
Service Philosophy	Whole Unit	Whole Unit	Whole Unit	Piece parts
Display Area	304.128(H) x 228.096(V)	304.128(H) x 228.096(V)	304.128(H) x 228.096(V)	304.128(H) x 228.096(V)
Operating temp.	5° to 40°C	5° to 45°C	5° to 45°C	5° to 45°C
Operating Humidity	10% to 90%	10% to 90% (Non-condensing)	10% to 90% (Non-condensing)	10% to 90% (Non-condensing)
Dimensions (no stand/ no MSR) (w x d x h) Weight	380mm (14.96") x 44mm (1.73") x 304mm (11.97") 3.4kg (7.5 lbs)	380mm (14.96") x 48mm (1.89") x 305mm (12") 3.6kg (7.9 lbs)	380mm (14.96") x 48mm (1.89") x 305mm (12") 3.6kg (7.9 lbs)	368mm (14.5") x 58mm (2.3") x 300mm (11.8") 3.25kg (7.21 lbs)

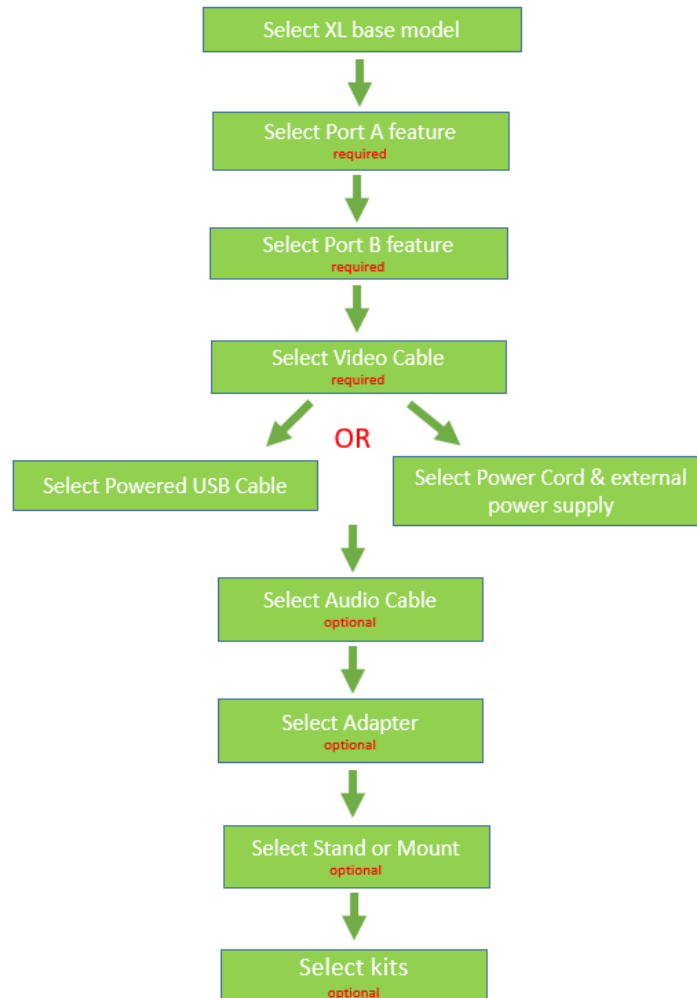
NCR Display Family Product Comparison (7" to 12")



Features	5907 (7")	5910 (10.1")	5968 (10.4")	5968/5985(10.4")	5943/5967 12"
Non-Touch version	Yes	Yes	N/A	5985	5943
Bezel	Zero bezel	Zero bezel	Zero bezel, flat screen	Zero bezel – NT Narrow Bezel – Res. flat screen	Traditional bezel
Touch Technology	PCAP(2 point multi-touch) & Non-Touch	PCAP(10 point multi-touch) & Non-Touch	PCAP (10 point multi-touch)	5 Wire Resistive	Surface Capacitive
Touchscreen operation	Human touch input	Human touch input	Human touch input	Gloved Hand; Stylus	Human touch input
Touchscreen Life expectancy*	No known wear out point	No known wear out point	No known wear out point	50 million touches at one point	225 million touches at one point
Touch Driver	Microsoft	Microsoft	Microsoft	Touch Base	Microchip
Touch Interface	USB	USB	USB	USB	USB
Periodic Touchscreen Calibration	No	No	No	Yes	Yes
Surface hardness	No known wear out point	No known wear out point	No known wear out point	4H	MOHS 7
Video Interface	USB-C	Display Port OR USB type C	Display Port, HDMI, VGA, DVI through HDMI	Display Port, HDMI, VGA, DVI through HDMI	DVI and VGA
Backlight	LED	LED	LED	LED	LED
External USB connectivity	1	0	1	1	1
Net Luminance (cd/m ²)	350 (typ)	400 (typ)	340 (typ) P-Cap	400 (typ) non-touch 320 (typ) resistive	500 (typ) non-touch 450 (typ) S-Cap
Contrast Ratio	800:1	800:1	700:1	700:1	500:1
Native Resolution	1024x600 (16:9) /16.7 colors	1920x1200 (16:10) /16.7 colors	SVGA (800x600) /16.2m colors	SVGA (800x600) /16.2m colors	XGA (1024x768)
Additional Resolutions Supported	Dependent on graphics driver capability	Dependent on graphics driver capability	VGA (640x480), SVGA (800x600) SXGA(1024x768)	VGA (640x480), SVGA (800x600)	VGA (640x480), SVGA (800x600) XGA (1024 x 768) SXGA (1280x1024)
User adjustable OSD controls	Allows for adjustments through software OSD.	Allows for adjustments through software OSD.	Allows for adjustments through software OSD. Several controls can be adjusted including brightness, contrast, volume and horizontal/vertical position	Allows for adjustments through software OSD. Several controls can be adjusted including brightness, contrast, volume and horizontal/vertical position	Allows for adjustments through software OSD. Several controls can be adjusted including brightness, contrast, volume and horizontal/vertical position
Viewing Direction	12 o'clock	12 o'clock	12 o'clock	12 o'clock	12 o'clock

Features	5907 (7")	5910 (10.1")	5968 (10.4")	5968/5985(10.4")	5943/5967 12"
Touch Response Time	2ms for 10 simultaneous touch points	10ms for 10 simultaneous touch points	10ms for 10 simultaneous touch points	50ms	<25ms
Audio	No audio support	Integrated speaker (non-amplified)	Integrated stereo speakers - amplified through the display (2w per channel)	Integrated stereo speakers - amplified through the display (2w per channel)	Integrated audio speakers (non-amplified) mounted underneath the display
Power	Latching USB-C 12V	1x8 latching 12V USB from POS	1x8 latching 12V USB from POS	1x8 latching 12V USB from POS	2x4 latching 12V USB from POS
Power consumption	2.25W typical, 0.5W standby	PCAP: 5.42w (typ), 3.25w (standby) NT: 4.94w (typ), 2.73w (standby)	6.8w (typ) 2.0w (standby)	6.8w (typ) 1.9w (standby)	16.3w (typ) 1.1w (standby)
MSR Option	No	Encrypted 3-track	Encrypted 3-track or JIS	Encrypted 3-track or JIS	3-track or JIS
Biometrics	No	No	No	No	No
Physical Mounting interface	50mm x 75mm	NCR custom & VESA 100 mm	NCR custom & VESA 100 mm	NCR custom & VESA 75mm	VESA 75mm
Color	Black	Black	Black	Black	Beige or Charcoal
Life (hours to ½ brightness of backlight)	30,000 hours	30,000 hours	50,000 hours	50,000 hours	50,000 hours
Retail Hardened	Yes – integrated enclosure, mounting, sealed front glass, software OSD, latching cables	Yes – integrated enclosure, mounting, sealed front glass, software OSD, latching cables	Yes – integrated enclosure, mounting, sealed front glass, software OSD, latching cables	Yes – integrated enclosure, mounting, sealed front glass, software OSD, latching cables	Yes – integrated enclosure, mounting, sealed front glass, software OSD, latching cables
Sealed against dust	Resistant (front)	Yes (front)	Yes (front)	Yes (front)	Yes
Sealed against liquid	Resistant (front)	Yes (front)	Yes (front)	Yes (front)	Yes (IPX3)
Certifications	TUV/UL/NOM/GOST/KCC/CCC	TUV/UL/NOM/GOST/KCC/CCC	TUV/UL/NOM/GOST/KCC/CCC	TUV/UL/NOM/GOST/KCC/CCC	TUV/UL/NOM/GOST/KCC/CCC
Service Philosophy	Whole unit	Whole unit	Whole Unit	Whole Unit	Piece parts
Display Area	154.21mm (H) x 85.92mm (V)	216.81mm(H) x 135.5mm(V)	211.2mm(H) x 158.4mm(V)	211.2mm(H) x 158.4mm(V)	245.76 (H) x 184.32 (V)
Operating temperature	5° to 40°C	5° to 40°C	5° to 45°C	5° to 45°C	5° to 45°C
Operating Humidity	10% to 90% (Non-condensing)	10% to 90% (Non-condensing)	10% to 90% (Non-condensing)	10% to 90% (Non-condensing)	10% to 90% (Non-condensing)
Dimensions (no mount/no MSR) (w x d x h) Weight	186.40mm (7.34") x 26.42mm (1.0") x 125.45mm(4.94") 0.36 Kg (0.8lbs)	261.14mm (10.3") x 31.63mm (1.25") x 179.29mm (7.1") 0.73Kg (1.6 lbs)	282mm (11.10") x 49mm (1.93") x 224mm (8.82") 2.06kg (4.55 lbs)	282mm (11.10") x 49mm (1.93") x 224mm (8.82") 2.06kg (4.55 lbs)	292mm (11.5") x 58mm (2.3") x 248mm (9.8") 2.15kg (4.8 lbs)
Dimensions (w/ mount/ no MSR) (w x d x h) Weight	NA	261.14mm (10.3") x 234.44mm (9.2") x 284.28mm (11.2") 2.79Kg (6.15 lbs)	282mm (11.10") x 271mm (10.67) x 268mm (10.55) 3.86kg (8.5 lbs)	282mm (11.10") x 271mm (10.67) x 268mm (10.55) 3.86kg (8.5 lbs)	292mm (11.5") x 280mm (11") x 292mm (11.5") 2.97kg (5.23 lbs)
Miscellaneous weights	NA	MSR: .06 kg (.15 lbs)	MSR: .06 kg (.15 lbs)	MSR: .06 kg (.15 lbs)	

XL15 Order Configuration Process Flow



Features vs. Kits

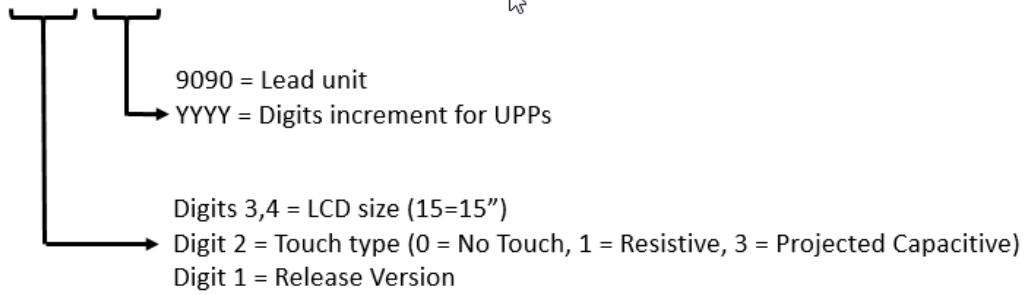
Displays and supported peripherals follow NCR’s standard nomenclature of “features” (identified with an “F”) and “kits” (identified with a “K”).

“Features” must be ordered with the base model and will be installed at the factory. This installation takes place without a specific staging agreement being in place.

To address unique customer requirements or to upgrade previously deployed terminals, various kits and cables are available. “Kits” are packaged separately and require field installation. If required, Kits can be integrated at the NCR Staging Center prior to shipment by submitting a staging request. NCR’s Worldwide Customer Services organization can also be utilized for integration and installation services at the customer site.

XL-Series (5915) Base Model

PID Key: 5915-XXXX-YYYY



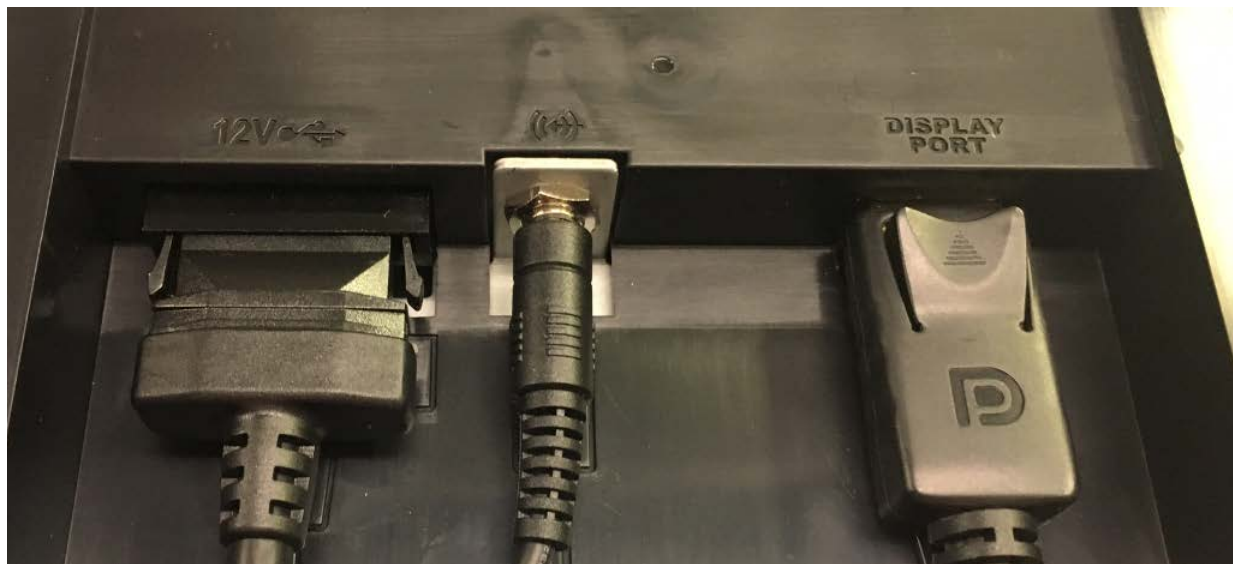
Product ID	Description	Configuration Notes	MRP
Touch Displays			
5915-1115-9090	XL15 15" Resistive Touch Display	Display head only. Includes unamplified single speaker, 100mm VESA mount pattern and custom NCR mount pattern. Requires cable features for power, data and sound, peripheral features and mount kits which are not included and must be configured.	\$950
5915-1315-9090	XL15 15" Projected Capacitive Touch Display		\$1250
Non-Touch Displays			
5915-1015-9090	XL15 15" LED Backlight Display	Display head only. Includes unamplified single speaker, 100mm VESA mount pattern and custom NCR mount pattern. Requires cable features for power, data and sound, peripheral features and mount kits which are not included and must be configured.	\$750

XL-Series (5915) Peripheral Feature Options

The XL15 offers options installable during manufacturing as features. Not all options are available based on the display model. Please select the appropriate feature.

Product ID	Description	Configuration Notes	MRP
XL15 Port A features			
5915-F140 7761-K155	Filler plate, right side	Filler plate to cover Port A mounting hole on the right side of the display.	\$1
5915-F141 7613-K141	MSR, NCR Encrypted USB 3-Track ISO for XL15 15" displays	Mounts on the right side of the display, Port A. Internal USB connection.	\$108
XL15 Port B features			
5915-F150 7761-K155	Filler plate, left side	Filler plate to cover Port B mounting hole on the left side of the display.	\$1

XL15 (5915) Communications Cable Layout



5915 Video Interface Cable

For the 5915 class models, select a display port cable. In dual display configurations, select a display port and an HDMI/DVI to display port connector adapter if there is not a second display part on the terminal.

1416 and 1432 PIDs are used for individual cable orders only. When configuring an XL-Series display it is imperative that only NCR cables are used. We will not support “off the shelf third party” cabling solutions.

For integration to a 7701, 7702 or 7703 please refer to the 770X Order and Configuration Guide. For use with an XR4, please see the 7602 Order and Configuration guide.

Product ID	Description	Configuration Notes	MRP
Display Port Cables*			
1432-C614-0005	Cable, Display Port integrated video, 0.5m	0.5 meter (19.68”) display port cable for integration to 7702 XR7 terminals. To be used only on displays attached directly to the XR7 POS table top stand; included in the 7702-K452 integrated display mounting kit.	\$40/\$28
5915-F110 1432-C483-0008 1432-C614-0008	Cable, Display Port integrated video, 0.8m	0.8 meter (31.496”) display port cable for integration to 7702 XR7 terminals using the rear display arm of the POS table top stand included in the 7702-K453 XR7 LCD extension stand and cables feature or kit. See 7702 Order and Configuration guide	\$24
5915-F111 1432-C614-0013	Cable, Display Port video, 1.3m	1.3 meter (51.18”) display port cable	\$28
5915-F112 1432-C614-0040	Cable, Display Port video, 4m	4.0 meter (157.48”) display port cable	\$35

* Display port cable transition in process, order feature to avoid confusion.

5915 USB Power and Communication Cable

For class 5915 models, select the USB cable as appropriate. For integration to a 7701, 7702 or 7703 please refer to the 770X Order and Configuration Guide.

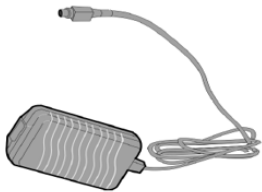
For use with an XR4, please see the 7602 Order and Configuration guide.

For use of external power, please refer to next section.

Product ID	Description	Configuration Notes	MRP
Powered USB Cables for Class 5915			
1432-C477-0005	Cable, 0.5m 12V Powered USB	0.5 meter (19.68") 12V USB power cable with latching 1x8 connector on the display end and a latching 12V USB plus power connector on the terminal end. Requires 12V USB port on host terminal. Provides both power and touch communication. To be used only on displays attached to the XR POS table top stand. Included with 7702-K452 integrated display kit. See 770X Order and Configuration guide.	\$40
5915-F117 1432-C477-0008	Cable, 0.8m 12V Powered USB	0.8 meter (31.496") 12V USB power cable with latching 1x8 connector on the display end and a latching 12V USB plus power connector on the terminal end. Requires 12V USB port on host terminal. Provides both power and touch communication. For integration to 7701-F453 XR5, 7702-F453/K453 XR7 extension stand and cables feature or kit. See 770X Order and Configuration guide	\$50
5915-F118 1432-C477-0013	Cable, 1.3m 12V Powered USB	12V USB power cable with latching 1x8 connector on the display end and a latching 12V USB plus power connector on the terminal end. Requires 12V USB port on host terminal. Provides both power and touch communication.	\$50
5915-F119 1432-C478-0040	Cable, 4m 12V Powered USB		\$40

5915 External Power Supply

To use an external power supply utilizing a power brick, configure per the below tables. You must choose a 1432-C480-0013 or 1432-C479-0040 cable (instead of the 12V powered USB cable listed above), a power supply (5915-K100) and a local power cord.

Product ID	Description	Configuration Notes	MRP
External Power Cables for 5915*			
5915-F121 1432-C480-0013 1432-C591-0013	Cable, USB Type A with power connector, 1.3m	USB cable with latching 1x8 connector on the display end; an USB connector on the terminal end and power connector in the middle with a barrel connector for an external power supply. Requires USB type A port on host terminal. Requires both an external power brick and a local power cord.	\$30
5915-F122 1432-C479-0040 1432-C591-0040	Cable, USB Type A with power connector, 4m		\$65
5915-F120 5915-K100	12VDC power adapter, 40W, DOE VI, 4 pin Mini-DIN connector. 	Used with a USB cable and a local power cord.	\$60

- External power cable transition in process. Order feature to avoid confusion

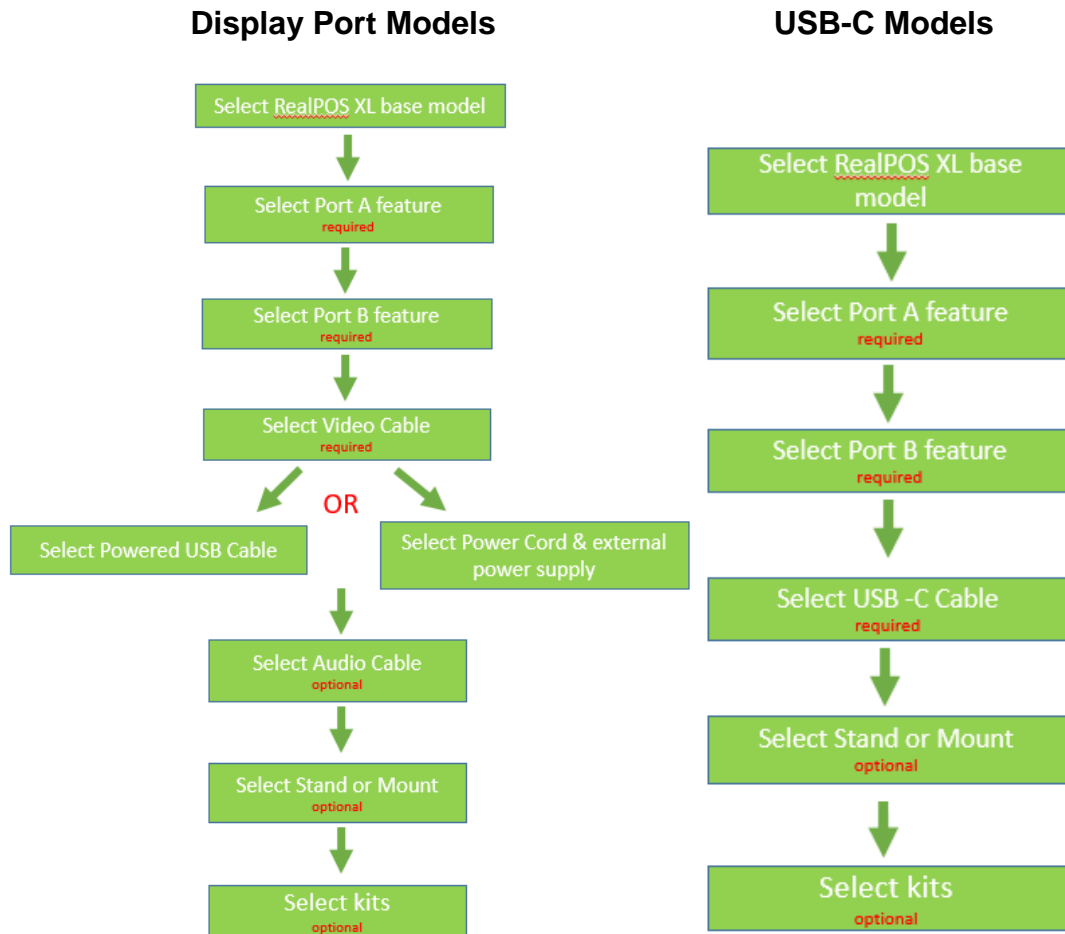
External Power for XL15 (5915)		MRP
5915-F100	US Power Cord, 3m, straight, 1416-C325-0030	\$8
5915-F101	International Power Cord, straight, 3m, 1416-C323-0030	\$8
5915-F102	UK Power Cord, straight, 3m, 1416-C321-0030	\$12
5915-F103	Australian Power Cord, straight, 3m, 1416-C322-0030	\$8
5915-F104	China Power Cord, straight, 3m, 1416-C391-0030	\$8
5915-F105	SEV Power Cord, straight, 3m, 1416-C320-0030	\$8
5915-F106	India Power Cord, right angle, 3m, 1432-C366-0030	\$124
5915-F107	IRAM Power Cord, Argentina, 3m, 1416-C009-0018	\$20
1424-C124-0030	POS; Japan Power Cord, 3 prong, 3m, 1424-C124-0030	\$30

5915 Audio Cable

The 5915 contains one unamplified speaker. This cable is connected to the “audio out” or “speaker out” because the display does not have an internal amplifier.

Product ID	Description	Configuration Notes	MRP
Audio Cables for 5915			
5915-F126 1432-C593-0013	Cable, Audio 1.3m	1.3 meter (51.18”) black cable for use on terminals with an amplified audio port.	\$8
5915-F127 1432-C593-0040	Cable, Audio, 4m	4.0 meter (157.48”) black cable for use on terminals with an amplified audio port.	\$12

XL10 Order Configuration Process Flow



Features vs. Kits

XL displays and supported peripherals follow NCR’s standard nomenclature of “features” (identified with an “F”) and “kits” (identified with a “K”).

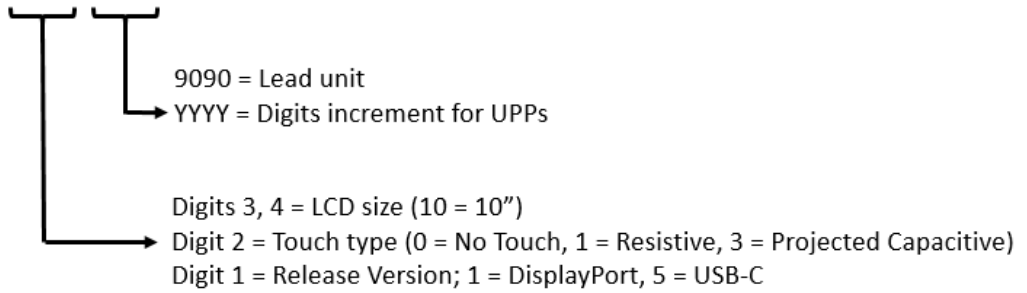
“Features” must be ordered with the base model and will be installed at the factory. This installation takes place without a specific staging agreement being in place.

To address unique customer requirements or to upgrade previously deployed terminals, various kits and cables are available. “Kits” are packaged separately and require field installation. If required, Kits can be integrated at the NCR Staging Center prior to shipment by submitting a staging request. NCR’s Worldwide Customer Services organization can also be utilized for integration and installation services at the customer site.

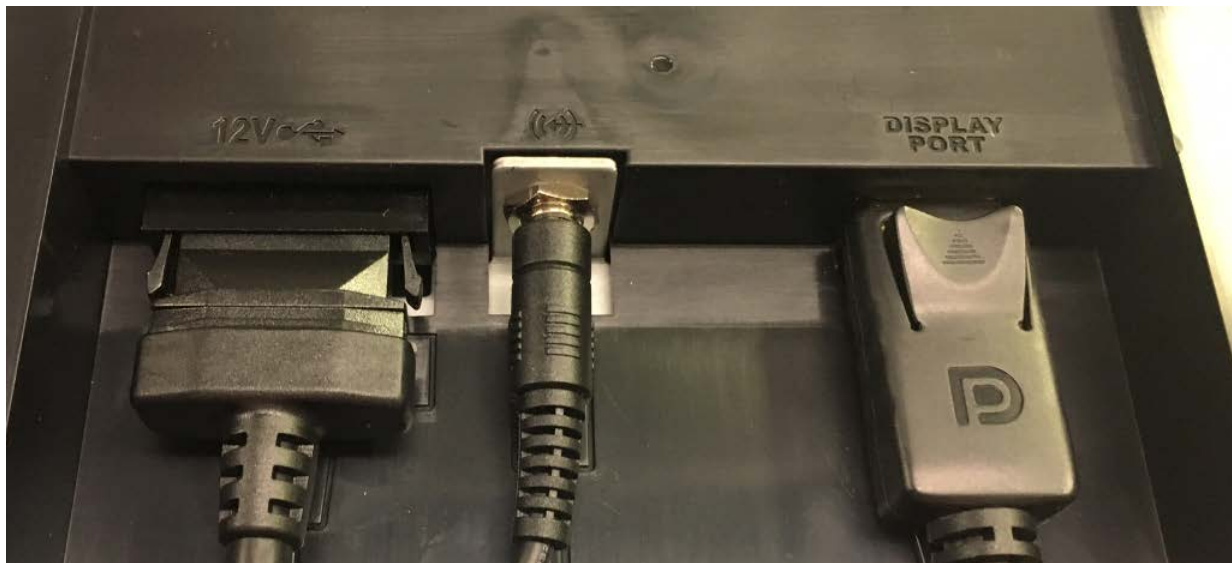
XL-Series (5910) Base Model PID structure

XL-Series (5910) Base Model

PID Key: 5910-XXXX-YYYY



XL10 (5910) Communications Cable Layout (Display Port)



XL-Series (5910) Base Models

Product ID	Description	Configuration Notes	MRP
Touch Displays - Display Port			
5910-1310-9090	XL10 10.1" Projected Capacitive Touch Display	Display head only. Includes unamplified single speaker, 100mm VESA mount pattern and custom NCR mount pattern. Requires cable features for power, data and sound, peripheral features and mount kits which are not included and must be configured.	\$725
Non-Touch Displays – Display Port			
5910-1010-9090	XL10 10.1" LED Backlight Display	Display head only. Includes unamplified single speaker, 100mm VESA mount pattern and custom NCR mount pattern. Requires cable features for power, data and sound, peripheral features and mount kits which are not included and must be configured.	\$625

5910 Peripheral Feature Options

The XL10 offers options installable during manufacturing as features.

Product ID	Description	Configuration Notes	MRP
XL10 Port A features			
5910-F140 7761-K155	Filler plate, right side	Filler plate to cover Port A mounting hole on the right side of the display.	\$1
5910-F141 7613-K141	MSR, NCR Encrypted USB 3-Track ISO for XL10 10.1" displays	Mounts on the right side of the display, Port A. Internal USB connection.	\$108
XL10 Port B features			
5910-F150 7761-K155	Filler plate, left side	Filler plate to cover Port B mounting hole on the right side of the display.	\$1

5910 Video Interface Cable – Display Port Models

For the 5910 class models, select a display port cable. In dual display configurations, select a display port and an HDMI/DVI to display port connector adapter if there is not a second display port on the terminal.

1416 and 1432 PIDs are used for individual cable orders only. When configuring an XL-Series display it is imperative that only NCR cables are used. We will not support “off the shelf third party” cabling solutions.

For integration to a 7701, 7702 or 7703 please refer to the 770X Order and Configuration Guide. For use with an XR4, please see the 7602 Order and Configuration guide.

Product ID	Description	Configuration Notes	MRP
Display Port Cables*			
1432-C614-0005	Cable, Display Port integrated video, 0.5m	0.5 meter (19.68”) display port cable for integration to 770X XR terminals. To be used only on displays attached directly to the XR POS table top stand; included in the 7702-K452 integrated display mounting kit.	\$28
5910-F110 1432-C614-0008	Cable, Display Port integrated video, 0.8m	0.8 meter (31.496”) display port cable for integration to 770X XR terminals using the rear display arm of the POS table top stand included in the 7702-K453 XR LCD extension stand and cables feature or kit. See 770X Order and Configuration guide	\$24
5910-F111 1432-C614-0013	Cable, Display Port video, 1.3m	1.3 meter (51.18”) display port cable	\$28
5910-F112 1432-C614-0040	Cable, Display Port video, 4m	4.0 meter (157.48”) display port cable	\$35

- Display port cable transition in process, order feature to avoid confusion.

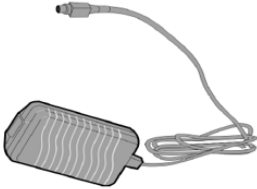
5910 USB Power and Communication Cable – Display Port Models

For class 5910 models, select the appropriate length powered USB cable. For integration to a 7701, 7702 or 7703 please refer to the 770X Order and Configuration Guide. For use with an XR4, please see the 7602 Order and Configuration guide.

Product ID	Description	Configuration Notes	MRP
Powered USB Cables for Class 5910			
1432-C477-0005	Cable, 0.5m 12V Powered USB	12V USB power cable with latching 1x8 connector on the display end and a latching 12V USB plus power connector on the terminal end. Requires 12V USB port on host terminal. Provides both power and touch communication. To be used only on displays attached to the XR POS table top stand. Included with 7702-K452 integrated display kit. See 770X Order and Configuration guide	\$40
5910-F117 1432-C477-0008	Cable, 0.8m 12V Powered USB	12V USB power cable with latching 1x8 connector on the display end and a latching 12V USB plus power connector on the terminal end. Requires 12V USB port on host terminal. Provides both power and touch communication. For integration to 7701-F453 XR5, 7702-F453/K453 XR7 extension stand and cables feature or kit. See 770X Order and Configuration guide	\$50
5910-F118 1432-C477-0013	Cable, 1.3m 12V Powered USB	12V USB power cable with latching 1x8 connector on the display end and a latching 12V USB plus power connector on the terminal end. Requires 12V USB port on host terminal. Provides both power and touch communication.	\$50
5910-F119 1432-C478-0040	Cable, 4m 12V Powered USB		\$40

5910 External Power Supply – Display Port Models

To use an external power supply, configure per the below tables. You must choose a 1432-C591-0013 or 1432-C591-0040 cable, power supply (5915-K100) and a local AC power cord.

Product ID	Description	Configuration Notes	MRP
External Power Cables for 5910*			
5910-F121 1432-C591-0013	Cable, USB Type A with power connector, 1.3m	USB cable with latching 1x8 connector on the display end; an USB connector on the terminal end and power connector in the middle with a barrel connector for an external power supply. Requires USB type A port on host terminal. Requires both an external power brick and a local power cord.	\$30
5910-F122 1432-C591-0040	Cable, USB Type A with power connector, 4m		\$65
5910-F120 5915-K100	12VDC power adapter, 40W, DOE VI, 4 pin Mini-DIN connector. 	Used with a USB cable and a local power cord.	\$60

* External powered USB cable transition in process. Order feature to avoid confusion

External Power for XL10 (5910)		MRP
5910-F100	US Power Cord, 3m, straight, 1416-C325-0030	\$8
5910-F101	International Power Cord, straight, 3m, 1416-C323-0030	\$8
5910-F102	UK Power Cord, straight, 3m, 1416-C321-0030	\$12
5910-F103	Australian Power Cord, straight, 3m, 1416-C322-0030	\$8
5910-F104	China Power Cord, straight, 3m, 1416-C391-0030	\$8
5910-F105	SEV Power Cord, straight, 3m, 1416-C320-0030	\$8
5910-F106	India Power Cord, right angle, 3m, 1432-C366-0030	\$124
5910-F107	IRAM Power Cord, Argentina, 3m, 1416-C009-0018	\$20
1424-C124-0030	POS; Japan Power Cord, 3 prong, 3m, 1424-C124-0030	\$30

5910 Audio Cable (Display Port model only)

The 5910 contains one unamplified speaker. This cable is connected to the “audio out” or “speaker out” because the display does not have an internal amplifier.

Product ID	Description	Configuration Notes	MRP
Audio Cables for 5910			
5910-F126 1432-C593-0013	Cable, Audio 1.3m	1.3 meter (51.18”) black cable for use on terminals with an amplified audio port.	\$8
5910-F127 1432-C593-0040	Cable, Audio, 4m	4.0 meter (157.48”) black cable for use on terminals with an amplified audio port.	\$12

XL-Series (5910) Base Model – USB-C

Product ID	Description	Configuration Notes	MRP
Touch Display - USB-C			
5910-5310-9090	XL10 10.1" Projected Capacitive Touch Display	Display head only. Includes unamplified single speaker, 100mm VESA mount pattern and custom NCR mount pattern. Requires cable features for power, data and sound, peripheral features and mount kits which are not included and must be configured.	\$725
Non-Touch Display – USB-C			
5910-5010-9090	XL10 10.1" LED Backlight Display	Display head only. Includes unamplified single speaker, 100mm VESA mount pattern and custom NCR mount pattern. Requires cable feature for power, data and sound, peripheral features and mount kits which are not included and must be configured.	\$625

5910 Peripheral Features

Product ID	Description	Configuration Notes	MRP
XL10 Port A features			
5910-F140 7761-K155	Filler plate, right side	When an MSR is not needed, the cover is required and is installed on the right side of the display.	\$1
5910-F141 7613-K141	MSR, NCR Encrypted USB 3-Track ISO for XL10 10.1" displays	Mounts on the right side of the display, Port A. Internal USB connection.	\$108
XL10 Port B features			
5915-F150 7761-K155	Filler plate, left side	When a Port B feature is not ordered, the cover is required and is installed on the left side of the display.	\$1

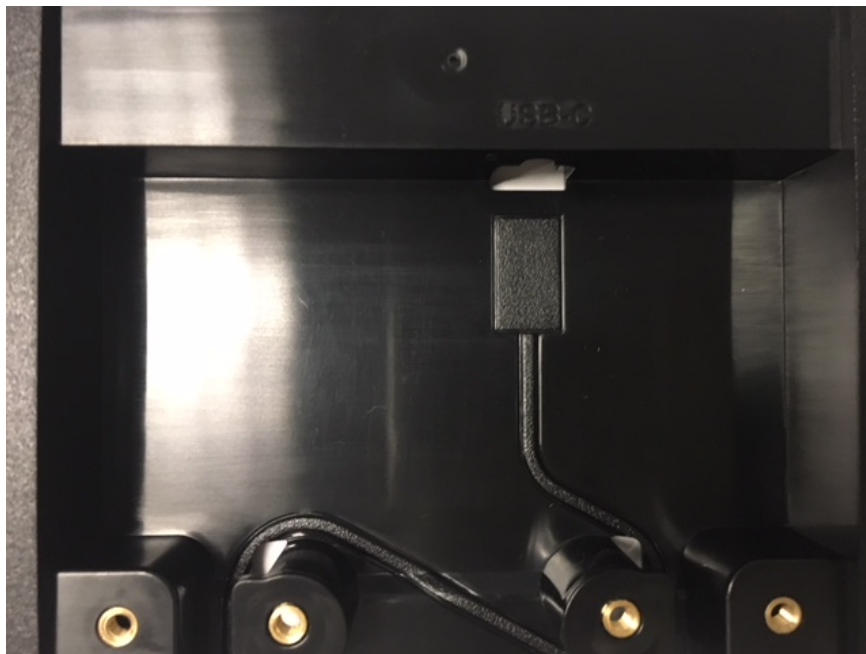
5910 USB-C to USB-Cable – USB-C Models

For the 5910 USB-C models, select a USB-C cable.

1416 and 1432 PIDs are used for individual cable orders only. When configuring an XL-Series display it is imperative that only NCR cables are used. We will not support “off the shelf third party” cabling solutions. For integration to a PX10, please refer to the PX10 Order and Configuration Guide.

Product ID	Description	Configuration Notes	MRP
USB-C Cables			
5910-F132	Cable, USB-C to USB-C, 1.3m	Cable for XL10 paired with a PX10.	\$60
1432-C805-0013			

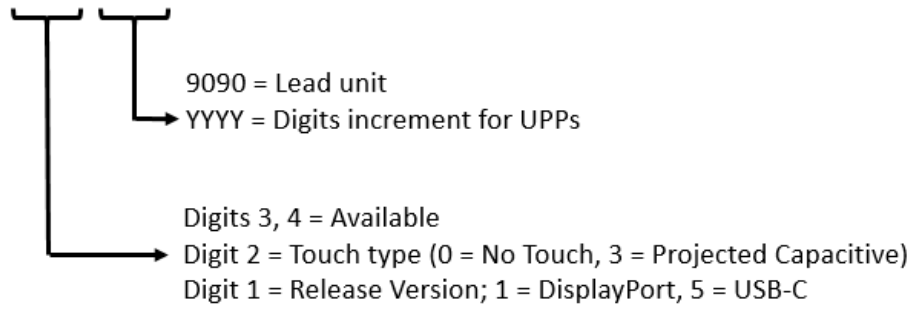
XL10 (5910) Communications Cable Layout (USB-C)



XL-Series (5907) Base Model PID structure

XL-Series (5907) Base Model

PID Key: 5907-XXXX-YYYY



XL-Series (5907) Base Model – for Display Port

Product ID	Description	Configuration Notes	MRP
Touch Display - for Display Port			
5907-1310-9090	XL7 7" Projected Capacitive Touch Display for Display Port	Display head only. 75mm x 50mm VESA mount pattern. Requires cable feature for power and data and mount kits which are not included and must be configured.	\$500
Non-Touch Display – for Display Port			
5907-1010-9090	XL7 7" LED Backlight Display for Display Port	Display head only. 75mm x 50mm VESA mount pattern. Requires cable feature for power and data and mount kits which are not included and must be configured.	\$400

5907 Power and Communication Cable – Display Port Models

For class 5907 models, select the appropriate length powered Y-cable. For integration to a 7701, 7702 or 7703 please refer to the 770X Order and Configuration Guide. For use with P-series or XR3, please see the appropriate Order and Configuration guide.

Product ID	Description	Configuration Notes	MRP
Powered USB Cables for Class 5907			
5907-F160 1432-C682-0007	Cable, 0.67m Display Port Y-adapter	Y-adapter cable, USB-C to Display Port and USB12V UPDATE picture	\$70
5907-F161 1432-C682-0013	Cable, 1.3m Display Port Y-adapter		\$80
5907-F162 1432-C682-0040	Cable, 4.0m Display Port Y-adapter		\$100

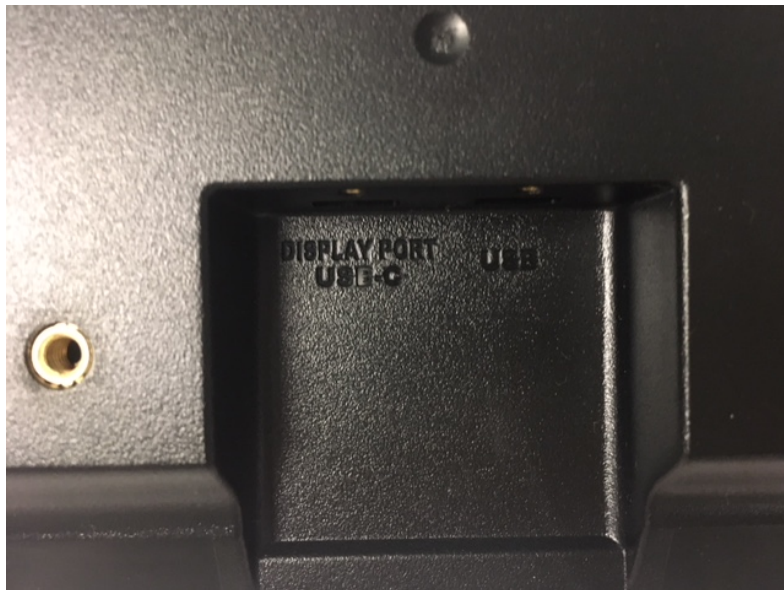
XL-Series (5907) Base Model – for USB-C

Product ID	Description	Configuration Notes	MRP
Touch Display - for USB-C			
5907-5310-9090	XL7 7" Projected Capacitive Touch Display, USB-C	Display head only. 75mm x 50mm VESA mount pattern. Requires cable feature for power and data and mount kits which are not included and must be configured.	\$500
Non-Touch Display – for USB-C			
5907-5010-9090	XL7 7" LED Backlight Display, USB-C	Display head only. 75mm x 50mm VESA mount pattern. Requires cable feature for power and data and mount kits which are not included and must be configured.	\$400

5907 Power and Communication Cable – USB-C Models


For class 5907 models, select the appropriate length USB-C.

Product ID	Description	Configuration Notes	MRP
Powered USB Cables for Class 5907			
5907-F130 1432-C805-0002	Cable, 180mm (6 inches) USB-C to USB-C	Cable, USB-C to USB-C, for use with NCR terminals.	\$40
5907-F131 1432-C805-0013	Cable, 1.3m USB-C to USB-C		\$60



Miscellaneous adapters

Adapters for terminals without DisplayPort connections. Note restrictions on use.

Product ID	Description	Configuration Notes	MRP
Adapters for XL15 and XL10 Displays with Display Port			
1432-C790-0001	Cable, HDMI (Terminal) to DisplayPort (Display) active adapter	Allows connection of a display with DisplayPort to a terminal with an HDMI connection. Must also order the DisplayPort cable. Powered by a USB port on terminal. 	\$190
1432-C791-0000	Adapter, passive, DVI-D to HDMI	Allows connection of a display with DisplayPort to a terminal with an DVI connection. Must also order the DisplayPort cable and the 1432-C790-0001 adapter.	\$30

Caveats of adapter use with XL15:

XL 15 Display with HDMI to DisplayPort adapter (1432-C790-0001)									
Name	Workstation	Interface Tested	POST (Terminal Power On Self Test) and BIOS Setup visible?	USB Ports to use to power the adapter	POS Ready 2009 Compatibility	Windows 7/POSReady 7 Compatibility	Windows 10 Compatibility	SLEPOS 11 SP3 Compatibility	SLES 12 SP2 Compatibility
XR6	7603 XR6	HDMI	Yes	Any	No	Supported	Supported	Supported	Supported
XR8	7607 XR8	HDMI	Yes	Any	N/A-1	Supported	Supported	N/A-2	Supported
82XRT	7606 82XRT	DVI**	No POST or BIOS*	Powered USB only	No	Supported	N/A-1	Supported	N/A-2
RP40/ RP35	7600/7643 (Lanier 1)	DVI**	No POST or BIOS	Powered USB only	No	Supported	N/A-1	Supported	N/A-2
RP40 R2/ RP35 R2	7600 R2/7643 R2 (Lanier 2)	DVI**	No POST or BIOS	Powered USB only	No	Supported	N/A-1	Supported	N/A-2
RP60	7601 (Kingsway)	DVI**	No POST or BIOS	Powered USB only	No	Supported	N/A-1	Supported	N/A-2
RP60 R2	7601 R2 (Riverside)	DVI**	No POST or BIOS	Powered USB only	No	Supported	N/A-1	Supported	N/A-2

*: Connect the XL display to the 82XRT DisplayPort and perform BIOS flash from support website to support XL display showing POST and BIOS setup.

** : Requires DVI to HDMI passive adapter (1432-C791-0000) in addition to HDMI to DisplayPort adapter (1432-C790-0001). Direct DVI to DisplayPort adapter not available.

N/A-1: OS not supported by Microsoft or Intel on this terminal.

N/A-2: OS not certified on this terminal.

Caveats of adapter use with XL10:


XL 10 Display with HDMI to DisplayPort adapter (1432-C790-0001)									
Name	Workstation	Interface Tested	POST (Terminal Power On Self Test) and BIOS Setup visible?	USB Ports to use to power the adapter	POS Ready 2009 Compatibility	Windows 7/POSReady 7 Compatibility	Windows 10 Compatibility	SLEPOS 11 SP3 Compatibility	SLES 12 SP2 Compatibility
XR6	7603 XR6	HDMI	Yes	Any	Supported	Supported	Supported	Supported	Supported
XR8	7607 XR8	HDMI	Yes	Any	N/A-1	Supported	Supported	N/A-2	Supported
82XRT	7606 82XRT	DVI**	Yes	Powered USB only	Supported	Supported	N/A-1	Supported	N/A-2
RP40/ RP35	7600/7643 (Lanier 1)	DVI**	Yes	Powered USB only	Supported	Supported	N/A-1	Supported	N/A-2
RP40 R2/ RP35 R2	7600 R2/7643 R2 (Lanier 2)	DVI**	Yes	Powered USB only	Supported	Supported	N/A-1	No BIOS Post and no Linux until configured with Termconfig.	N/A-2
RP60	7601 (Kingsway)	DVI**	Yes	Powered USB only	Supported	Supported	N/A-1	Supported	N/A-2
RP60 R2	7601 R2 (Riverside)	DVI**	Yes	Powered USB only	Supported	Supported	N/A-1	Supported	N/A-2

** : Requires DVI to HDMI passive adapter (1432-C791-0000) in addition to HDMI to DisplayPort adapter (1432-C790-0001). Direct DVI to DisplayPort adapter not available.


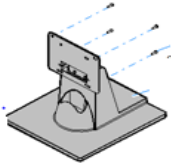
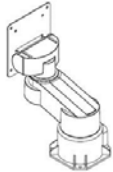
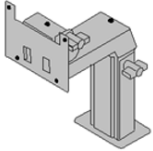
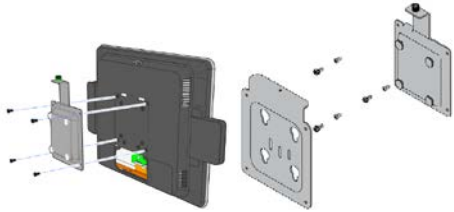

N/A-1: OS not supported by Microsoft or Intel on this terminal.

N/A-2: OS not certified on this terminal.






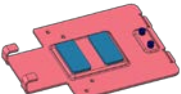
Miscellaneous Kits


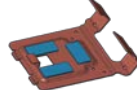

Product ID	Description	Configuration Notes	MRP
9700-9006-7761	NCR External Biometrics Reader without Biokey	Connect the Biometrics Reader USB Cable to any available USB port on the POS. 	\$120
7761-K100	NCR External 2in1 SignIn Device and Biometrics Reader Mounting Kit	Mounts the Biometrics Reader on the wall or countertop.	\$60

XL Display Mounts for XL10 and XL15

Product ID	Description	Configuration Notes	MRP
Table Top Mount Features and Kits			
5910-F033 5915-F033 5915-K033	XL-Series Stand, black 	NCR custom 100mm table top stand with tilt display mount, connects with 2 hooks and 2 screws to back of display. Mates with X-Series Displays.	\$135
5968-K031	X-Series Table Top Stand, black 	VESA 75mm and 100mm table top stand with tilt display mount, connects with four screws to back of display. Fits into VESA block on rear of display	\$100
5968-K024	Integration Tray Mount, black 	VESA 75mm and 100mm mount that fits into the 82xrt, XR6 and XR8 Integration trays. Full swivel and tilt mount. VESA plate connects with four screws to back of display. <u>This is used with the integration tray only.</u> Consult terminal O&C for more info.	\$125
5968-K039	Checkstand mount, black 	VESA 75mm and 100mm mount that screw mounts to counter. VESA plate connects with four screws to back of display. Adjustable height from 11" to 15".	\$220
7702-K320	Kit, Display wall mount bracket 100mm VESA and custom NCR pattern for 10.1" and 15" displays		\$150
5915-K320	Kit, filler plate for third party mounts NCR custom 100mm VESA pattern for 10.1" and 15" displays		\$44
		For 10.1" and 15" displays when a TPP mount does not provide a sufficiently sized flat mounting area. Not needed with 7702-K305, K306, K307 or 1668 Space pole kits.	

XL Display Mounts

Product ID	Description	Configuration Notes	MRP
Miscellaneous Kits for Displays and POS			
5907-K300	Kit, bracket to mount XL7 display to POS stands	Mounts XL7 to X (7702-K031), XL (5915-K033) and P (7761-K170) stand neck, includes mounting screws. 	\$100
5907-K301	Kit, bracket to mount XL7 display to Spacepole	Mounts XL7 to Spacepole kits, includes mounting hardware. Consult 1668 Spacepole O&C for available Spacepole kits. 	\$200
5907-K302	Kit, bracket to mount NT XL7 display to pole	Mounts XL7 (non-touch only) to tilt pole mount, includes mounting screws. Order pole kits and counter/integration tray mounts separately. Consult Customer Display O&C for more info. 	\$25
5915-K330	Kit, Bracket 75mm to 100mm VESA	Adapter plate to mount displays with 100mmx100mm VESA patterns to mounts with a 75mmx75mm VESA pattern.	\$25
5910-K302	Kit, bracket to mount NT XL10 to pole	Mounts XL10 (non-touch only) to no tilt pole mount, includes mounting screws. Order pole kits and counter/integration tray mounts separately. Consult Customer Display O&C for more info. 	\$50
5915-K450	Kit, 2x20 and bracket to mount to XL stand neck	Mount 5977 2x20 customer display to the neck of the XL (5915-K033) stand, includes mounting screws and 2x20 	\$300
5915-K470	Kit, bracket to mount 10" displays to XL stand neck	Mounts XL10 and XT/D10 to the neck of the XL stand (5915-K033) as a customer display, includes mounting screws. 	\$50

Product ID	Description	Configuration Notes	MRP
Miscellaneous Kits for Displays and POS			
7702-K470	Kit, bracket to mount 10" displays to neck of POS stands.	Mounts XL10 and XT/D10 as customer displays to X stand (7702-K031) or P stand (7761-K170) neck, includes mounting screws. 	\$130
7613-K470	Kit, bracket to mount 10" displays to neck of XR3 stand	Mounts XL10 and XT/D10 as a customer display to XR3(7613) neck, includes mounting screws. Includes Display Port and Powered USB cables. 	\$50
7613-K477	Kit, bracket to mount 7" display to neck of XR3 stand	Mounts XL7 as a customer display to XR3(7613) neck, includes mounting screws. 	\$120

Notes:

1) The POS cannot be awakened from standby mode via Touch. All NCR POS systems remove power from the +12V USB connection so the Touch Display has no power. Without power, touch events cannot be detected.

2) After waking from Standby (via keyboard, mouse, or power switch), touch will not respond for approximately 30 seconds.

ACTION: This delay can be reduced significantly by changing the OS device manager configuration for the Touch Controller / Power Management option "Allow this device to bring the computer out of standby" by un-checking the check box.

3) If wake from standby via Touch is required, the Touch Display must be powered from an independent source such as a power brick. If the Touch Display is powered by power brick, restrictions noted in 1) and 2) no longer apply.

Platform Software, Firmware & Drivers

Video Firmware and Romflasher

The latest version of NCR firmware and Romflasher software is downloadable from NCR's public website for drivers and patches: http://www5.ncr.com/support/support_drivers_patches.asp. Navigate to the specific device page by selecting "Retail Support Files", then "[NCR RealPOS and SelfServ Peripherals \(Firmware, Drivers, Utilities\)](#)", and then the appropriate product class under "Displays".

Touch Driver Software

Required touch driver software is included in pre-loaded Operating System software but not automatically installed. If a terminal is ordered with an Operating System features, installation files are included in the software loaded on the hard drive of the terminal.

The latest version of touch driver software is also downloadable from NCR's public website for drivers and patches: http://www5.ncr.com/support/support_drivers_patches.asp. Navigate to the specific device page by selecting "Retail Support Files", then "[NCR RealPOS and SelfServ Peripherals \(Firmware, Drivers, Utilities\)](#)", and then the appropriate product class under "Displays".

NCR Software OSD (On Screen Display) Utility

There are no hardware on-screen display buttons. To modify/update display settings you must use the NCR Software OSD utility.

The latest version of the NCR Software OSD Utility is downloadable from NCR's public website for drivers and patches: http://www5.ncr.com/support/support_drivers_patches.asp. Navigate to the specific device page by selecting "Retail Support Files", then "[NCR RealPOS and SelfServ Peripherals \(Firmware, Drivers, Utilities\)](#)", and then the appropriate product class under "Displays".

Supported Terminals and Platform Software

OPOS and JavaPOS drivers for NCR touch drivers are not bundled into the Platform Software (RPSW or RPSL) software. The Touch drivers are included in the Windows operating system images. For the Linux operating systems (NLPOS9 SP2, SLEPOS 10 SP1) the touch screen drivers are automatically installed via the Linux Terminal Support CD.

Peripheral support of OPOS or JavaPOS (e.g., MSR) NCR retail platform software is downloadable from NCR's public website for drivers and patches: http://www5.ncr.com/support/support_drivers_patches.asp. Select "Retail Support Files", then "Retail Platform Software", and then the appropriate files under [NCR RealPOS and SelfServ Platform Software \(Windows RPSW, DOS and Linux RPSL\)](#)

Information Products

Below is a list of reference information published to support the XL displays.

5915 Publications:

ID	Description
BCC5-0000-5162	NCR XL15 (5915) Display User's Guide
BCC5-0000-5163	NCR XL15 (5915) Display Site Preparation Guide
BCC5-0000-5164	NCR XL15 (5915) Display Service Guide
BCC5-0000-5165	NCR XL15 (5915) Display Parts Documentation
BCC5-0000-5168	NCR XL15 (5915) Display User Documentation
BCC5-0000-1701	NCR Displays Safety and Regulatory Statements

5910 publications:

ID	Description
BCC5-0000-5197	NCR XL10 (5910) Display User Guide
BCC5-0000-5198	NCR XL10 (5910) Display Site Preparation Guide
BCC5-0000-5199	NCR XL10 (5910) Display Service Guide
BCC5-0000-5200	NCR XL10 (5910) Display Parts Documentation
BCC5-0000-5196	NCR XL10 (5910) Display User Documentation

5907 publications:

ID	Description
BCC5-0000-5202	NCR XL7 (5907) Display User Guide
BCC5-0000-5203	NCR XL7 (5907) Display Site Preparation Guide
BCC5-0000-5204	NCR XL7 (5907) Display Service Guide
BCC5-0000-5205	NCR XL7 (5907) Display Parts Documentation
BCC5-0000-5201	NCR XL7 (5907) Display User Documentation

These publications are available at:

Publications Site	Description
http://ipinternal.ncr.com	Internal site for technical manuals, kit instructions, and user guides for New products Also contains Legacy products that are already converted to HTML HTML and PDF formats

https://onlinehelp.ncr.com/	<p>NEW external site for technical manuals, kit instructions, and user guides for New products</p> <p>Also contains Legacy products that are already converted to HTML</p> <p>HTML and PDF formats</p>
http://infoetail.ncr.com	<p>Internal site for technical manuals, kit instructions, and user guides for Legacy products</p> <p>PDF format</p> <p>Note: Legacy products that are already converted to HTML format can still be searched in this site. When opened, the PDF file contains the link to the new publications site (ipinternal.ncr.com).</p>
https://info.ncr.com	<p>External site for technical manuals, kit instructions, and user guides for Legacy products</p> <p>PDF format</p> <p>Note: Legacy products that are already converted to HTML format can still be searched in this site. When opened, the PDF file contains the link to the new publications site (onlinehelp.ncr.com).</p>

Base client and third-party software are also available on the public NCR Platform Software Website: http://www.ncr.com/support/support_drivers_patches.asp?Class=External\display

Product Technical Reference

The XL-Series displays are designed to operate in fully to partially conditioned office and commercial environments. Dependent upon local climatic conditions, heating, cooling and humidity control capability may not be provided at all or be inadequate to maintain desirable human comfort levels on a day-to-day basis under adverse climatic conditions. A summary of the environmental requirements is shown in the table below.

	Temperature	Relative Humidity	Dew Point
Operating Range	5 to 40 C	10-90%	26 C
Storage Range	-10 to 50 C	10-90%	N/A
Transit Range	-40 to 60 C	5-95%	N/A

Condensation may occur when equipment is transferred from cold to warm areas during shipment. The equipment design permits operation after flash condensation has occurred, a drying out process has been accomplished, and the equipment has stabilized to the operating environment.

The XL-Series displays are not certified for use in outdoor locations where the unit could be directly exposed to moisture. Exposure to direct sunlight should be restricted (unit requires shading).

The XL-Series shall meet the safety requirements set forth in NCR RSD Regulatory Compliance Guidelines Document 497-0412176. The following reports are available for the XL-Series displays:

- UL Report (US and Canada)
- EU Declaration of Conformity (safety and EMC)
- TUV report
- TUV certificate
- Certification Body (CB) report (to all national deviations)
- Compliance with EU Harmonic distortion requirements (EN610001-3-2 and EN610001-3-3)
- NOM/NYSE certificate (Mexico)
- CU Certificate (Russia, Belarus, Kazakhstan)
- VCCI/PSE (Japan)
- CCC China safety certification and emissions testing
- Australia/NZ C-Tick mark
- Korea KC emissions testing

Product Dimensions

15" Display without MSR:

WIDTH 14.96" (380 mm)
 HEIGHT 11.97" (304 mm)
 DEPTH 1.73" (44 mm)

10.1" Display without MSR:

WIDTH 10.3" (261 mm)
 HEIGHT 7.1" (179 mm)
 DEPTH 1.25" (32 mm)

7" Display:

WIDTH 7.3" (186 mm)
 HEIGHT 4.9" (125 mm)
 DEPTH 1.0" (26 mm)

Appendix A – UPP Configurations

UPP – Unique Preconfigured Product is the term assigned to PIDs that are released for use by sales organizations such as Hospitality and PCR that order products through NOL (NCR Online) instead of WOT (Web Order Tool). The NOL system does not allow for dynamic feature selection to build a configuration, thus requiring pre-defined models with select features bundled into the configuration. The UPP PID is created by Hardware Solution Management at the request of the Industry / Software Solution Management teams and is based on the typical configurations and options they intend to offer. As noted below, the UPP description contains abbreviated information that defines the feature content included in the pre-configured product.

UPP Description Key:

- Hardware model class (5915)
- MSR or no MSR
- Cables included and their length
- Inclusion of stand or not
-

The list of available UPPs is dynamic and will be updated during the production life of the RealPOS XL-Series displays. If you do not see a configuration that meets the customer's requirements, please contact Product management and submit a UPP request form. The request will be evaluated based on volume, timeframes, and business justification. If the UPP request is approved there is an extended lead time required to set-up and release the UPP in the various NCR systems.

XL15 UPP Configurations	
UPP	Primary Description
5915-1015-0001	XL15, 15inch, non-touch display, 0.84m display port cable, 0.84m powered USB cable, no stand
5915-1015-0002	XL15, 15inch, non-touch display, 1.3m display port cable, 1.3m powered USB cable, no stand
5915-1015-0003	XL15, 15inch, non-touch display, 4m display port cable, 4m powered USB cable, stand
5915-1315-0001	XL15, 15inch, PCAP touch display, 0.84m display port cable, 0.84m powered USB cable, no stand
5915-1315-0002	XL15, 15inch, PCAP touch display, 1.3m display port cable, 1.3m powered USB cable, no stand
5915-1315-0003	XL15, 15inch, PCAP touch display, 4m display port cable, 4m powered USB cable, stand
5915-1315-0004	XL15, 15inch, PCAP touch display, MSR, 4m display port cable, 4m powered USB cable, stand

XL10 UPP Configurations	
UPP	Primary Description
5910-1010-0001	XL10, 10.1 inch, non-touch display, 0.84m display port cable, 0.84m powered USB cable, no stand
5910-1010-0002	XL10, 10.1 inch, non-touch display, 1.3m display port cable, 1.3m powered USB cable, no stand
5910-1010-0003	XL10, 10.1 inch Non-Touch Display, 4m Display Port, 4m PUSB, no stand
5910-1310-0001	XL10, 10.1 inch, PCAP touch display, 0.84m display port cable, 0.84m powered USB cable, no stand
5910-1310-0002	XL10, 10.1 inch, PCAP touch display, 1.3m display port cable, 1.3m powered USB cable, no stand
5910-1310-0003	XL10, 10.1 inch PCAP Display, 4m Display Port, 4m PUSB, no stand
5910-5010-0002	XL10, 10.1 inch, non-touch display, 1.3m USB-C cable, no stand
5910-5310-0002	XL10, 10.1 inch, PCAP touch display, 1.3m USB-C cable, no stand

XL7 UPP Configurations	
UPP	Primary Description
5907-1010-0001	XL7, 7 inch non-touch display, 0.67 Display Port Y adapter cable, no stand
5907-1010-0002	XL7, 7 inch non-touch display, 1.3m Display Port Y adapter cable, no stand
5907-1310-0001	XL7, 7 inch PCAP touch display, 0.67 Display Port Y adapter cable, no stand
5907-1310-0002	XL7, 7 inch PCAP touch display, 1.3m Display Port Y adapter cable, no stand
5907-5010-0001	XL7, 7 inch non-touch display, 6 inch USB-C cable, no stand
5907-5010-0002	XL7, 7 inch non-touch display, 1.3m USB-C cable, no stand
5907-5310-0001	XL7, 7 inch PCAP touch display, 6 inch USB-C cable, no stand
5907-5310-0002	XL7, 7 inch PCAP touch display, 1.3m USB-C cable, no stand

Change Control

Summary Of Changes		
Last Change Date	Description of Change	Author
1/11/2017	Initial Release	Fran Harrington
1/12/2017	Updated power consumption for XL15	Fran Harrington
2/10/2017	Added 5915-K320 Adapter Plate and 5968-K031. Removed 7702-K321.	Fran Harrington
2/23/2017	Added PID for HDMI/Display Port Adapter. Added publication references.	Fran Harrington
3/6/2017	Added new DP and External power cables PIDs	Fran Harrington
3/30/2017	Removed 7932-4297-9998 adapter from O&C	Fran Harrington
4/4/2017	Updated XL15 resistive number of touches specification	Fran Harrington
4/12/2017	Updated configuration map	Fran Harrington
8/22/2017	Added UPP listing and adapters. Updated links to ref docs.	Fran Harrington
11/20/2017	Added XL10 PIDs, features, kits and XL10 UPPs	Fran Harrington
1/9/2018	Added XL7 PIDs, features, kits and XL7 UPPs. Add external biometric reader 9700-9006-7761.	Fran Harrington
2/5/2018	Corrected XL10 VESA pattern on page 11.	Fran Harrington
2/16/2018	Updated USB-C to USB-C Corp Cable IDs, added 5915-K330	Fran Harrington