

# Guide to Features

## SurePOS 300 4810-x4x 4910-E4x

Version 3.0

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Technical Sales Support  
Toshiba Global Commerce Solutions  
P. O. Box 12195, UHJ/307  
3039 Cornwallis Rd., Research Triangle Park, NC 27709

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# PICTORIAL GUIDE to FEATURES

4810-x4x

**IBM** Retail Store Solutions TechLine

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### ***The “Fine Print”***

This Document is a derivative work. The source documents are not required to stay in sync with this guide.

The Feature Codes relate precisely to the Offering Structure and Sales Manual. The Part Number that is included is the “Top Bill” part number which is used to build the ordering tables. The Top Bill DOES NOT SHIP to a customer. This part number causes SMU Parts (Shippable Manufacturing Units) to be assembled and shipped. The SMU number changes frequently during the life cycle of a product.

FRU Numbers, where listed, are for those features where a one-to-one relationship exists between the Feature Code and the Field Replaceable Unit number. The source guide for these is the Hardware Service Manual and the I/O Service Manual, accessed from the PUBLICATION tab on the TechLine Support page.

Hardware Service Guide

<http://www-01.ibm.com/support/docview.wss?rs=219&q1=PUB4810&uid=pos1R7000392>

I/O Manual:

<http://www-1.ibm.com/support/docview.wss?rs=219&q1=PUB4800&uid=pos1R7000105>

If you have questions, concerns, or suggestions, please send them to us as a TechLine inquiry.

<http://www2.clearlake.ibm.com/store/support/html/hquestions.html>

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## 4810-x4x Overview

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Attribute	Specification
Type	“Retail Hardened” small form factor system unit
CPU	Intel ULV Celeron M 373 (1.0GHz)
Chipset	Intel 910GMLE / ICH6M
Motherboard	All mechanical aspects must match the Keystone KS03 motherboard. Logic compatible with Keystone KS03: with processor and chipset changes as described above. Service processor not populated. <sup>1</sup>
BIOS	Award (16Mb SPI Flash ROM, containing primary and backup)
Memory	Single Channel DDR2 667Mhz, 2 DIMM sockets: 512MB / 1GB / 2GB in any combination up to 2GB max total memory. Note the 910GMLE supports a maximum of DDR2 400MHz.
Video	Intel Graphics Media Accelerator 900
Ethernet	Broadcom BCM5906(M) 10/100 Mbps
Audio	Analog Devices AD1882 Codec
Super I/O Controller	Winbond W83667HG (or equivalent function)
Mass Storage	Modular Flash Drive (USB), <a href="#">SMART Modular p/n: SG9ED52U4GGCIBM</a> , Description: 4GB, eUSB Flash Drive, SMI325AC controller, two Samsung 16Gbit DDP 4K page NAND Flash, 0 to 70C, Locked BOM, No Write Protect Switch Motherboard must support up to 8GB flash drive.  - and/or -  160GB min 3.5-in SATA II 7200 RPM HDD (P/Ns 44E9170, 39M0121, or other approved P/Ns)
Expansion	None
Power	200W, 80% efficient internal power supply (See Sparta Power Supply Specification)
Ports	Motherboard: 1- PS/2 Keyboard 1- PS/2 Mouse 2- RS232 (standard 9-pin male D-shell) 2- VGA (15 pin D-shell) 2- PC USB 2.0 High Speed 1- 10/100Mb Ethernet LAN (RJ45) 1- Line-in 1- Microphone 1- Line-out (supports Headphones) 1- 5V/12V Powered RS232 (9-pin female D-shell) <sup>2</sup>

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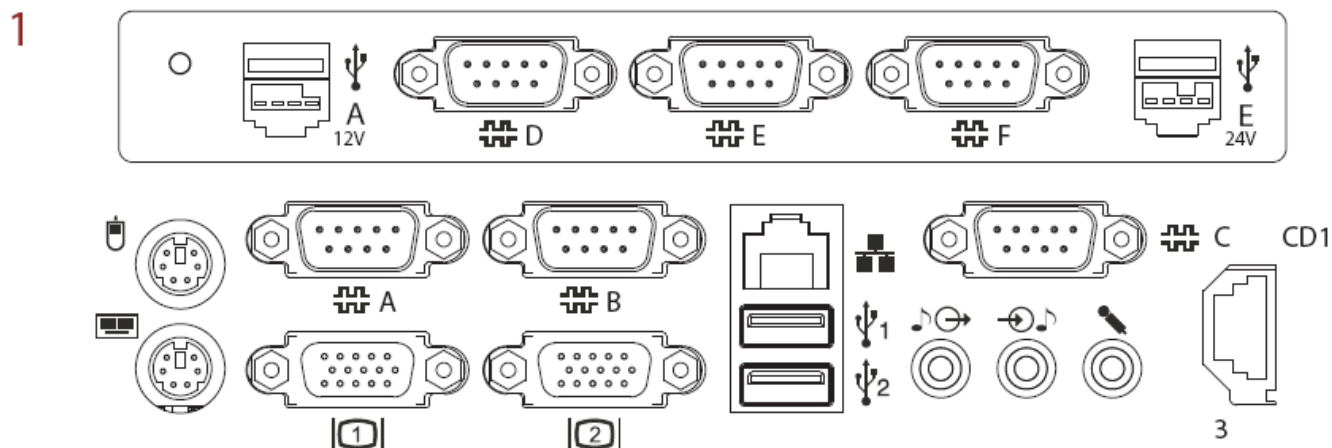
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Attribute	Specification
	<p>Riser Card:</p> <p>1- SDL (IBM Standard) Cash drawer port</p> <p>Front of Unit (method to be specified by supplier):</p> <p>1- PC USB 2.0 High Speed</p> <p>Connector Card (RS232) (SurePort mechanically compatible):</p> <p>3 -5V/12V Powered 232 (9-pin female D-shell)</p> <p>1 -12V Powered USB</p> <p>1 -24V Powered USB</p> <p>OR</p> <p>Optional USB Connector card (SurePort mechanically compatible):</p> <p>4 -12V Powered USB</p> <p>1 -24V Powered USB</p>

## Tailgate Layout

**DEFAULT STANDARD is RS232 SurePorts**



The RS232 ports are labeled A, B, C, D, E, F and ports C-F have power indication icons. Powered USB ports are designated A-E with appropriate power indication. The Cash drawer port is designated CD1 and also has the number 3 in close proximity.

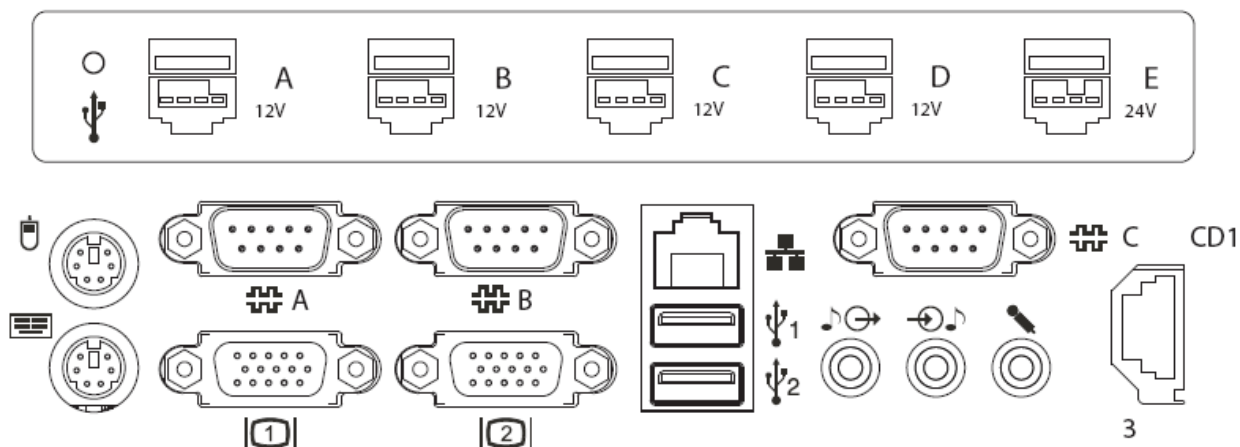
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## OPTIONAL USB SurePorts

2



## Ship Group

The following items are included:  
Safety Manual

The “Open Me First” box may contain additional memory module or other small features.

THE ETHERNET Patch cord is **NOT INCLUDED** with this machine. It may be requested as FC 8999

## NAMING CONVENTION

Base Machine Type: **4810**

Model Designations:

**First** Character –

- 3 = Standard (Blank Drive)
- E = Preloaded With OS

**Second** Character –

- 4 – Designation of 4<sup>th</sup> generation

**Third** Character – Warranty Level

- 0 – Standard
- A- Depot (USA, Canada, and **UK Only**)

**Note:** The -xxA Models were withdrawn from the UK effective April 9, 2010

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## 4810-x4x

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The Express Models Machine Type 4910-E4x

Express models are special bundles that make the process of ordering a complete system easier. The Printer and / or Display that is bundled with the 4910 will have the 4910 machine type on its label, and it will carry the serial number of the system unit. The original Machine types in the table below are only for reference

**CAUTION:** The Express Offerings are different by region and, in some cases, by country.

<b>GEO</b>	<b>AMERICAS USA, Canada, Caribbean, LA, and South America</b>	<b>EUROPE All Countries</b>	<b>UK</b>	<b>CHINA</b>	<b>Australia, NZ, India, Indonesia, Thailand, Korea/HK/ Malaysia / Singapore</b>
<b>MODEL</b>					
<b>4910-E4S</b>  <b>E – Preloaded OS</b>  <b>S – Single Station Printer</b>	Power Cord  1GB System Memory  4610-1NR USB with cable (4919)  <b>NO DISPLAY</b>  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))	Power Cord  1GB System Memory  4610-1NR USB with cable (4919) and small paper roll (0720)  4820-2GD w/ cables 3441 + 3713 + stand FC 4299  Preloaded POSReady, WEPOS, or Win-XP (upgrade)	Power Cord  1GB System Memory  4610-1NR USB with cable (4919) and small paper roll (0720)  4820-2GD w/ cables 3441 + 3713 + stand FC 4299  Preloaded POSReady, WEPOS, or Win-XP (upgrade)	Power Cord  1GB System Memory  4679-GCN RS232 with cable (3731) and power cord  <b>NO DISPLAY</b>  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))	Power Cord  1GB System Memory  4610-1NR USB with cable (4919)  <b>NO DISPLAY</b>  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))
<b>4910-E4D</b>  <b>E – Preloaded OS</b>  <b>D – Dual Station Printer</b>	Power Cord  1GB System Memory  4610-2CR RS232 with cables (3912 + 4931) and small paper roll (0720)  <b>NO DISPLAY</b>  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))	Power Cord  1GB System Memory  4610-2NR RS232 with cables (3912 + 4931) and  4820-2GD w/ cables 3441 + 3713 + stand FC 4299  Preloaded POSReady, WEPOS, or Win-XP (upgrade)	Power Cord  1GB System Memory  4610-2NR RS232 with cables (3912 + 4931) and  4820-2GD w/ cables 3441 + 3713 + stand FC 4299  Preloaded POSReady, WEPOS, or Win-XP (upgrade)		

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<b>MODEL</b>					
<b>4910-E4F</b>	Power Cord  1GB System Memory  <b>NO PRINTER</b>  4820-2GD w/ cables 3441 + 3713 + stand FC 4299  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))	Power Cord  1GB System Memory  <b>NO PRINTER</b>  4820-2GD w/ cables 3441 + 3713 + stand FC 4299  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))	Power Cord  1GB System Memory  <b>NO PRINTER</b>  4820-2GD w/ cables 3441 + 3713 + stand FC 4299  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))		
<b>4910-E4T</b>  <b>E – Preloaded OS</b>  <b>T – Touch Display</b>		Power Cord  1GB System Memory  4610-1NR USB with cable (4919) and small paper roll (0720)  4820-51G USB, cables 3441 + 5572 + stand FC 4306  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))	Power Cord  1GB System Memory  4610-1NR USB with cable (4919) and small paper roll (0720)  4820-51G USB, cables 3441 + 5572 + stand FC 4306  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade))		

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<b>MODEL</b>					
<b>4910-E4A WITH- DRAWN April 9, 2010</b>			Power Cord  1GB System Memory  4610-1ND USB with cable (4919) and small paper roll (0720)  4820-5GB USB w/ FC 1900 Logic, cables 3441 + 5572 + stand FC 4299 + Lock + Lock Install Kit FC 9521  Preloaded (specify POSReady, WEPOS, or Win-XP (upgrade)		



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## 4810-x4x FEATURES




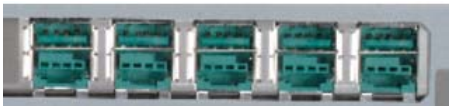
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FEAT CODE	TOP P/N		DESCRIPTION
4410	System		Windows 7 Professional for Embedded Systems. This feature increases the base memory of the 4810-E40 to 1Gb. You must order FC 4625 or 4627 memory expansion. (4910 Express models already have 1Gb as base memory)
4411	44V1989		Windows 7 Recovery DVD
4460	system unit		WEPOS version 1.1 upgrade preload
4461	44V0906		WEPOS media - language packs
4462	44V2094		WEPOS 1.1 media - image Recovery Media This is a DVD
4440	system unit		XP Pro DTOSE Upgrade
4441	44V0908		XP Pro DTOSE Media-language pack
4442	44V2098		XP Pro DTOSE Recovery Media This is a DVD (SP3)
4450	system unit		POS Ready
4451	44V2120		POS Ready media - language packs
4452	44V2096		POS Ready media - image Recovery Media for hdd
4454	44V2102		POS Ready media - image Recovery Media for MFD
4045	system unit <b>NOT FOR 4910</b>		POS Ready 7 NOTE – You must have 1Gb or greater configured
4046	99Y3180		POS Ready 7 Language packs
4047	99Y3182		POS Ready 7 Additional Components
4048	44V1908		POS Ready 7 Image Recovery
8999	44v2074		FRU= <b>41A3531</b> Ethernet Cable, CAT-5, 4.3Meters
7498	44V2081		<b>FRU 44V2014</b> RS232 cable to attach existing 15-pin to 9-pin port. Maximum of four per machine.

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FEAT CODE	TOP P/N		DESCRIPTION
8851	system <b>N/A for M/T 4910</b>		4G MFD US Upgrade (remove HDD, add MFD) <b>This Feature REPLACES the HDD from the base machine. This feature also REMOVES the HDD Chassis. There is NO mechanism to add a HDD in the field (no MES for the drive, screws, and chassis is being released)</b>
8852	44V2082	<b>WITHDRAWN Nov 30, 2010</b>	<b>FRU 44V2041 MES 4GB USB MFD</b> <b>This will be shipped in a separate carton.</b> This is the only orderable configuration that will allow both a HDD and a solid-state drive in the same machine.
7500	14J1139		<b>WITHDRAWN: Not available after July 31, 2009</b>  FRU 06P5223 External 1.44MB USB Diskette Drive
4625	System <b>N/A for M/T 4910</b>		1G System Memory (1 DDR2 DIMM) <b>NOT AVAILABLE on 4910 Express Models (1GB is Standard on all 4910 models and 4810-E40 when FC 4110 is ordered)</b>
4626	44V2084		<b>FRU 44V2028 1G Additional Memory (1 DDR2 DIMM)</b> <b>This is the only memory upgrade possible. The system board will only support 2GB Maximum</b>
4627	System <b>N/A for M/T 4910</b>		2G System Memory (2 - 1G DDR2 DIMM) <b>NOT AVAILABLE on 4910 Express Models</b>
1975	system		<b>FRU 44V2026 USB SurePorts</b> Installed in the system from the factory. <b>THERE IS NO MES (upgrade) FEATURE CODE RELEASED AT THIS TIME.</b>
<b>RPQ</b>	8Q3096 <b>Selected Geographies</b>		<b>FRU 44V2026 USB SurePorts MES</b> – Field-installable UPGRADE. <b>This is orderable as a 4810 MES or as a 4611-481 RPQ.</b>

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## Modular Keyboards – Announced in Summer 2008

The 2008 Keyboards are Features of the POS Terminals. The Keyboard features actually have features of their own which need to be ordered. These keyboards have BOTH USB and PS/2 interfaces built-in. The interface to your terminal is dependent upon the cable that is ordered.

There are three basic keyboards - Modular 67-Key Retail Keyboard, Modular ANPOS keyboard, and Modular Compact ANPOS. The keyboards are only available in Iron Gray for this product.

### MODULAR KEYBOARD ORDERING STRUCTURE for MES UPGRADES

These are modular, build-your-own keyboards if you are ordering them via the MES process or through 4611-bulk order machine type. This means, that you are responsible for ordering filler plates (at an extra cost) for any of the modules that are omitted. One Lens kit is included, however. For example, if an ANPOS keyboard with a Touchpad, without an MSR and without an authentication module is ordered, the 4611 configuration would look like:

Product	Description	Qty
4611-048	4611-048 BULK ORDER for 4800 MES	1
1320	USB cable 1.4M Black	1
1370	Filler MSR Iron Gray	1
1374	Filler Authentication Module Iron Gray	1
2266	Touchpad/Pointing Stick Module	1
2280	Modular Keyboard (US Eng)	1
2921	IRON GRAY COVER	1

The **EXCEPTION** to this is the Preconfigured (FC 135x) keyboards. If these fit your need, then they may be ordered, and the required fillers will be installed at the plant.

### MODULAR KEYBOARD ORDERING STRUCTURE for NEW Terminal Orders

BASE KEYBOARD, with default fillers for MSR, Authentication (Keylock or Fingerprint Reader)

- Choose your **Keyboard**
  - Modular CANPOS (Compact AN/POS)
  - Modular ANPOS
  - Modular 67-Key
- Choose your **optional components**. FILLERS will be shipped automatically to cover the space that these would normally occupy.
  - MSR Option
  - Authentication Module (Keylock or Biometric Module)
  - Pointer Module (CANPOS / ANPOS)
  - Lock Cylinders (if you have the Keylock Authentication Module)
- Choose your **Cable** (and thus the Interface)
  - Black Cable (USB or PS/2) (for Iron Gray keyboards)
- Choose **Accessories**
  - Lens Caps
  - Key Caps
  - Blank Legend Sheet

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- KeyCap Groups shipped with EACH Keyboard
  - A Keycap kit ships with every keyboard. These are ALSO available as MES items (in the event that you need to re-configure the keyboard later – (See FC 1420, 1421, and 1422)
  - Contains:

<b>MODULAR ANPOS Kybd</b>	<b>Keycap Kits</b>
KEY CAP ALL CLEAR SINGLE	46 (Clear)
KEY CAP ALL CLEAR DOUBLE SHORT	4 (Clear)
KEY CAP TALL ALL CLEAR SINGLE	10 (Clear)
KEY CAP TALL ALL CLEAR DOUBLE	4 (Clear)
SPACER POLYURTHANE FOAM ANPOS	1
SPACER CAP TALL DOUBLE ANPOS	4
KEY CAP ASS'Y PEBBLE GRAY "O"	1
KEY CAP ASS'Y PEBBLE GRAY "OO"	1
KEY CAP ASS'Y PEBBLE GRAY "."	1
KEY CAP ASS'Y PEBBLE GRAY "* "	1
KEY CAP ASS'Y BLACK "O"	1
KEY CAP ASS'Y BLACK "OO"	1
KEY CAP ASS'Y BLACK "."	1
KEY CAP ASS'Y BLACK "* "	1
MSR TEST CARD	1
<b>MODULAR 67 Key Keybd</b>	
CAP*2 1.5 CLEAR TOP(TALL) 67 KEYS-K	6 (Clear)
KEY CAP*2 1.5 CLEAR TOP 67 KEYS-KB	6 (Clear)
KEY CAP 1.5 UNIT CLEAR TOP 67KEYS-K	42 (Clear)
CAP 1.35 CLEAR TOP(TALL) 67KEYS-KB	10 (Clear)
KEY CAP ALL CLEAR SINGLE	12 (For New Fun. Keys)
KEY CAP ASS'Y PEBBLE GRAY "O"	1
KEY CAP ASS'Y PEBBLE GRAY "OO"	1
KEY CAP ASS'Y PEBBLE GRAY "."	1
KEY CAP ASS'Y PEBBLE GRAY "* "	1
KEY CAP ASS'Y BLACK "O"	1
KEY CAP ASS'Y BLACK "OO"	1
KEY CAP ASS'Y BLACK "."	1
KEY CAP ASS'Y BLACK "* "	1
KEY CAP SPACER TALL DOUBLE 67 KEYS-K	6
MSR TEST CARD	1
<b>MODULAR CANPOS Keybd</b>	
CAP SINGLE CLEAR TOP	32 (Clear)
CAP DOUBLE CLEAR TOP	4 (Clear)
MSR TEST CARD	1

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**Pre-Configured Modular Keyboards (1-step ordering)**

There are also PRE-configured Keyboards. **NOTE: THIS OPTION IS NOT AVAILABLE FOR MES (or 4611) orders**  
These are for common situations. These are:

- Modular CANPOS w/Pointer US Eng (No MSR, No Keylock, No Fingerprint reader) IRON GRAY ONLY
- Modular 67 Key Keyboard w/MSR & Keylock
- Modular ANPOS w/MSR, Pointer/TouchPad, Keylock, US Eng

Selecting a Pre-configured Keyboard blocks all features from being ordered.

PRE-CONFIGURED US-English KEYBOARDS			
1350	46V4090		Modular CANPOS w/Pointer US English (no MSR, no keylock, no fingerprint reader) <b>IRON GRAY ONLY USA ONLY</b>
1355	<b>46V4100</b> (Iron Gray)		Modular 67 Key Keyboard w/MSR & Keylock, no Pointer / Touchpad
1356	<b>46V4118</b>		Modular 67 Key Keyboard w/LCD, w/MSR & Keylock, no Pointer / Touchpad
1351	<b>46V4080</b> (Iron Gray)		MODULAR ANPOS KEYBOARDw/MSR, Touch Pad/Ptr, Keylock US English <b>USA ONLY</b>



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## FACTORY INTEGRATION of KEYBOARD FEATURES

1111	51J3374 <b>N/A for M/T 4910</b>	FOR TEMINAL ORDERS ONLY. NOT AVAILABLE FOR MES or 4611-481 Orders	Integration of Keyboard Features
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## COMPACT ANPOS KEYBOARDS

2250	51J3339		<b>FRU= 44T4041</b> Modular Compact ANPOS keyboard - US-English
2251	51J3341		<b>FRU= 44T4043</b> Modular Compact ANPOS keyboard - UK English
2252	51J3342		<b>FRU= 44T4044</b> Modular Compact ANPOS keyboard - French
2253	51J3344		<b>FRU= 44T4046</b> Modular Compact ANPOS keyboard - Canadian French
2254	51J3340		<b>FRU= 44T4042</b> Modular Compact ANPOS keyboard - Spanish
2255	51J3345		<b>FRU= 44T4047</b> Modular Compact ANPOS keyboard - Brazilian Portuguese
2256	51J3343		<b>FRU= 44T4045</b> Modular Compact ANPOS keyboard - German
2257	51J3346		<b>FRU= 44T4048</b> Modular Compact ANPOS keyboard - Turkey

## 67-Key Keyboards

2270	<b>51J3347</b> (Iron Gray)		<b>FRU= 44T4061 (G)</b> 67 Key Keyboard
2240	<b>46V4102</b>		<b>FRU = 65Y4093</b> 67 Key Keyboard with LCD

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MODULAR ANPOS KEYBOARDKeyboard			
2292	51J3331 (G)		FRU= 44T4027 (G) MODULAR ANPOS KEYBOARD KB (Braz/Port)
2282	51J3330 (G)		FRU= 44T4026 (G) MODULAR ANPOS KEYBOARDKB (Can/Fr)
2284	51J3327 (G)		FRU= 44T4023 (G) MODULAR ANPOS KEYBOARDKB (UK Eng)
2286	51J3328 (G)		FRU= 44T4024 (G) MODULAR ANPOS KEYBOARDKB (French)
2288	51J3329 (G)		FRU= 44T4025 (G) MODULAR ANPOS KEYBOARDKB (German)
2290	51J3326 (G)		FRU= 44T4022 (G) MODULAR ANPOS KEYBOARDKB (Spanish)
2280	51J3325 (G)		FRU= 44T4021 (G) MODULAR ANPOS KEYBOARDKB (US Eng)- pearl white
KEYBOARD FEATURES			
2260	51J3349 (G)		FRU= 44T4090 (G) 3-Track MSR Module
2262	44T4982 (G)		FRU= 44T4092 (G) JUCC MSR Module
2264	51J3352 (G)  (Mutually exclusive with Fingerprint Module FC 2268)		FRU= 44T40940 (G) 2-position Keylock Module Iron Gray  <b>NOTE: You need to order a standard keylock FC 9202-9206</b>
2266	51J3354 (G)		<b>THIS FEATURE IS NOT AVAILABLE FOR THE 67-Key Keyboards</b>  FRU= 44T4096 (G) Touch Pad/Pointer Module

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2268	51J3356 (G)  (Mutually exclusive with Keylock FC 2264)		<b>FRU= 44T4098 (G)</b> Fingerprint Module
1370	46V4070 MES ONLY	  This is included on any kbd that is ordered without an MSR	<b>FRU= 46Y2356 (G)</b> Filler MSR Iron Gray  THIS IS NOT REQUIRED FOR A NEW FACTORY ORDER.  IF YOU ARE ORDERING AN MES UPGRADE KEYBOARD, THEN YOU NEED TO ORDER THIS PART
1374	46V4072 MES ONLY	  This is included on any kbd that is ordered without an Authentication module	<b>FRU= 46Y2358 (G)</b> Filler Authentication Module Iron Gray  THIS IS NOT REQUIRED FOR A NEW FACTORY ORDER.  IF YOU ARE ORDERING AN MES UPGRADE KEYBOARD, THEN YOU NEED TO ORDER THIS PART
1376	46V4074 MES ONLY	  This is included on any kbd that is ordered without a touchpad	<b>FRU= 46Y2360 (G)</b> Filler Touch Pad/Pointer Iron Gray  THIS IS NOT REQUIRED FOR A NEW FACTORY ORDER.  IF YOU ARE ORDERING AN MES UPGRADE KEYBOARD, THEN YOU NEED TO ORDER THIS PART



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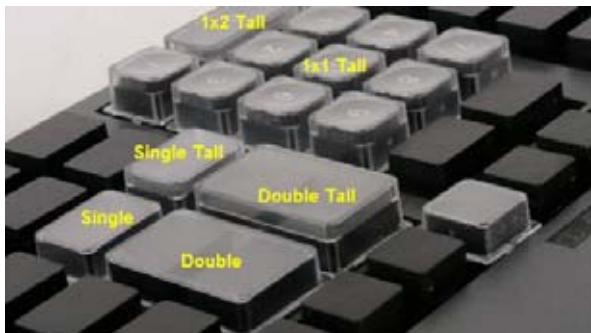
## BLACK CABLES

1320	45X0501 <b>N/A for M/T 4910</b>		USB cable 1.4M Black FRU =45U0016
1321	45X0503		USB cable 3.8M Black FRU =45U0018
1322	45X0505 <b>N/A for M/T 4910</b>		PS2 cable 1.4M Black FRU = 45U0026
1323	45X0507		PS2 cable 3.8M Black FRU = 45U0028
1324	45X0509 <b>N/A for M/T 4910</b>	  NOTE – YOU WILL NOT HAVE ACCESS TO BIOS WITH THIS CABLE. THE SUREPORTS ARE NOT ACTIVATED UNTIL LATER IN THE POWER_UP SEQUENCE. The Standard USB Cable can be plugged into a tailgate USB port for BIOS access.	12V Powered USB cable 1.4M Black FRU = 45U0036
1325	45X0511		12V Powered USB cable 3.8M Black FRU = 45U0038
3915	20P3918 <b>N/A for M/T 4910</b>		MOUSE & KEYBOARD "Y" CABLE (white straight Y)

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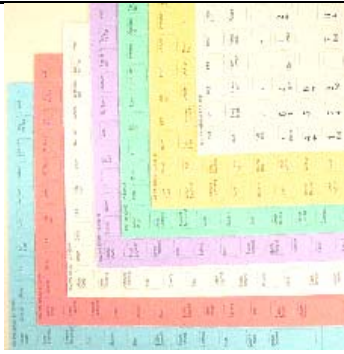
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Lens Kits and Key Kits			
1420	45X0516 FIELD MES ONLY because This is SHIPPED with each NEW keyboard from the factory.		Modular 67 Key Keyboard Lens Kit
1421	45X0512 FIELD MES ONLY because This is SHIPPED with each NEW keyboard from the factory.		MODULAR ANPOS KEYBOARD Lens Kit
1422	45X0514 FIELD MES ONLY This is SHIPPED with each NEW keyboard from the factory.		Modular CANPOS Lens Kit
1426	46V4110 <b>N/A for M/T 4910</b>		Keyboard Key Caps - 1x1 SS (25 units)
1427	46V4111 <b>N/A for M/T 4910</b>		Keyboard Key Caps - 1x2 (25 units)
1428	46V4112 <b>N/A for M/T 4910</b>		Keyboard Key Caps - 1x1 Tall (25 units)
1429	46V4113 <b>N/A for M/T 4910</b>		Keyboard Key Caps - 1x2 Tall (25 units)
1430	46V4114 <b>N/A for M/T 4910</b>		67 Key Keyboard Single Caps - 1x1 (25 units)
1431	46V4115 <b>N/A for M/T 4910</b>		67 Key Keyboard Double Caps - 1x2 (25 units)
1432	46V4116 <b>N/A for M/T 4910</b>		67 Key Keyboard Single Caps - 1x1 Tall (25 units)
1433	46V4117 <b>N/A for M/T 4910</b>		67 Key Keyboard Double Caps - 1x2 WT Tall (25 units)
LEGEND SHEETS and ACCESSORIES			

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1423	45U0041		MODULAR ANPOS KEYBOARD KB Label - Blank
1424	45U0042		MODULAR CANPOS KEYBOARD KB Label – Blank
1425	45U0043		SIX BLANK Sheets per package One package contains SIX sheets Warm Gray, Violet, Green, Red, Blue, Yellow  Modular 67 Key Keybd Label - Blank
ACCESSORIES			
	46V4077		Blanking bar, 67-key black, kit of 5
	46V4079		Blanking bar, ANPOS black, kit of 5
	93F1944		Key Puller Kit

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## Legacy Keyboards





FEAT CODE	TOP P/N			DESCRIPTION
3576	10N1376 <b>N/A for M/T 4910</b>			<b>WITHDRAWN Nov 10, 2010</b> FRU 41J7253 USB 50 Key KB w/MSR-iron
3570	86H1117 <b>N/A for M/T 4910</b>			<b>WITHDRAWN Nov 10, 2010</b> FRU 41J7254 USB 50 Key KB w/JUCC MSR
3275	08L2141 <b>N/A for M/T 4910</b>			<b>WITHDRAWN Nov 10, 2010</b> FRU 42M5606 USB Keyboard Long Cable- powered USB 3.8M

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## Customer Displays

FEAT CODE	TOP P/N		DESCRIPTION
<p><b>8Q3080</b></p> <p><b>Not Available for M/T 4961</b></p>	84Y5271	 <p><b>THIS RPQ IS A BUSINESS BLACK Non-Touch DISPLAY</b> It is <b><u>NOT</u></b> Iron Gray</p> <p>There is a companion MES version (for upgrades) -- RPQ 8Q3081. This is an i-listed (private) RPQ does not appear in eConfig and must be requested on a customer-by-customer basis</p>	<p><b>FRU 84Y5272</b> is a 15" VLH display with stand and video cable (US, Canada and EU).  <b>FRU 84Y5274</b> is just for the stand.  <b>FRU 84Y5276</b> is just for the 1.5 meter video cable  <b>FRU 84Y5285</b> is a 15" VLH non-touch display with stand and video cable (with US, Canada, EU and AP certifications).</p> <p>Vendor Logo 15" <b>Non-Touch</b> display, with Line cord and 1.5Meter VGA Cable  <a href="#">Line cord is determined by Country that the order ships into.</a></p>
<p><b>8Q3153</b> i-listed – not Public. Does not show in eConfig</p> <p><b>Not Available for M/T 4961</b></p>	84Y5271	 <p><b>THIS RPQ IS A PEARL WHITE Non-Touch DISPLAY</b></p> <p>There is a companion MES version (for upgrades) -- RPQ 8Q3154. This is an i-listed (private) RPQ does not appear in eConfig and must be requested on a customer-by-customer basis</p>	<p><b>FRU 84Y5294</b> is a 15" VLH display with stand and video cable (US, Canada and EU and AP Certifications).  <b>FRU 73Y0991</b> is just for the stand.</p> <p>Vendor Logo 15" <b>Non-Touch</b> display, with Line cord and 1.5Meter VGA Cable  <a href="#">Line cord is determined by Country that the order ships into.</a></p>
5910	20P3911		<p>Distributed VFD 2X20 Display (RS232)  <b>FRU</b> (multiple parts) see I/O HW Service Guide, assembly #5</p>
5961	14J0744		<p>USB 40 Char VFD (1-sided)- iron  <b>FRU</b> (multiple parts) see I/O HW Service Guide, assembly #5</p>

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FEAT CODE	TOP P/N		DESCRIPTION
5920	20P3912		All Points Addressable Character Graphics Display (RS232) <b>FRU</b> (multiple parts) see I/O HW Service Guide, assembly #6
5951	10N1174		USB 40 Char LCD- iron <b>FRU</b> (multiple parts) see I/O HW Service Guide, assembly #5
5942	44V2075		Distributed Display Cable (9-pin POWERED RS232) for FC 5910 or 5920
5570	08L2144		<b>FRU</b> 42M5632 Long VFD USB Cable 3.8M
5560	08L2141		<b>FRU</b> 42M5606 Long LCD USB Cable-powered USB 3.8M



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FEAT CODE	TOP P/N		DESCRIPTION
5919	44V2086 <b>N/A for M/T 4910</b>	 <p>Shown (not the correct color) with tall post and extension post</p>  <p>AP (not taiwan)</p>	IRON GRAY 1x11 display RS-232 The Tall Mounting Post and 3" Extension post are included. The CABLE is not.
5941	44V2076 <b>N/A for M/T 4910</b>	 <p>AP (not taiwan)</p>	THIS INCLUDES THE SHORT MOUNTING POST and CABLE AND PLASTIC THUMBSCREWS  9-pin Powered RS232, 3.8Meters  Distributed Display Cable for 1x11

## Cash Drawers

FEAT CODE	TOP P/N		DESCRIPTION
4408	46N4321		New Compact Cash Drawer with One Vertical Till. If you desire additional tills, the legacy tills FC 4775 may be ordered
4409	46N4328	<p>Also available in 4611-481 and -491</p> 	New Compact Cash Drawer with ONE Horizontal Till. If you desire additional tills, the legacy tills FC 4770 may be ordered

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FEAT CODE	TOP P/N		DESCRIPTION
4484	Formerly RPQ 8Q2918 46T7216		<b>FRU 46T7218</b> Flip Top Drawer -Iron Gray – This Feature INCLUDES ONE Till and One Locking cover.  You must order one drawer lock cylinder FC 9202-9206. The internal till cover lock will be randomly assigned. There is no FRU replacement for this key.
4485	Formerly RPQ 8Q2922 46T7219		<b>FRU 46T7221</b> EXTRA Fliptop Till & Locking Cover  The internal till cover lock will be randomly assigned. There is no FRU replacement for this key.
4861	41A3580 N/A for M/T 4910	 LITHO not shown <b>50-Key, 67-Key and ANPOS ONLY (C-ANPOS will not fit)</b>	<b>IRON GRAY</b> is the ONLY COLOR  For Filler panels, please order from <b>4611-048</b> . Please refer to Knowledgebase <a href="#">R1003926</a> Do not forget the Display Insert 4611-048 FC 7285 if integrating a 4820 display  Wide Cash Dr Slanted I/O Tray- Iron <b>FRU</b> – See Hardware Service Manual for multiple Parts – Assembly #3
4781	20P3919	 <b>STORM GRAY Shown</b>	<b>WITHDRAWN – NOT Available after Feb 12, 2010</b>  Compact Cash Drawer FRU – See I/O Service Manual for multiple Parts – Assembly #3 <b>ONLY ONE CASH DRAWER IS SUPPORTED OFF OF THE SYSTEM UNIT.</b>
4881	20P3920		Full Size Cash Drawer (NO TILL) FRU – See I/O Service Manual for multiple Parts – Assembly #2 <b>ONLY ONE CASH DRAWER IS SUPPORTED OFF OF THE SYSTEM UNIT.</b>



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FEAT CODE	TOP P/N		DESCRIPTION
4588	44V2092	Asia-Pacific ONLY, except Japan and Korea	Value Cash Drawer with hard-wired 1.3Meter long cable (black) There is no capability to order additional tills or till covers with the VALUE cash drawer. The tills, till covers, and separate cables are not compatible with this drawer.
3387	72H3811		FRU 40N4779 Cash drawer cable – 3.8M  This cable activates the Cash Drawer from the 4610 Printer
4575	42M5656		FRU 42M5657 Distributed Cash Drawer Cable 3.8M  This cable activates the Cash Drawer from the System Unit
9219	41A3502 N/A for M/T 4910		Cash Drawer RJ11 converter for OEM Cash drawer attachment
4570	13H9614 N/A for M/T 4910		FRU 41D9506 Mounting bracket for cash drawer  The Feature includes four M6x12mm screws to secure the cash drawer to the bracket. The screws to secure the bracket to the counter are not supplied.

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FEAT CODE	TOP P/N		DESCRIPTION
4765	10H3340 <b>N/A for M/T 4910</b>	 Wide Shown	FRU 10H3341 Locking Till Cover for Compact Cash Drawer
4875	6316718 <b>N/A for M/T 4910</b>		FRU 6316718 Locking Till Cover for Full Size Cash Drawer
4775	10H3330		THIS IS ONLY REQUIRED IF YOU INTEND TO HAVE MORE THAN ONE TILL. FC 4408 INCLUDES One of these  FRU 10H3331 Vertical Till Insert for Compact Cash Drawer
4770	10H3370		THIS IS ONLY REQUIRED IF YOU INTEND TO HAVE MORE THAN ONE TILL. FC 4409 INCLUDES One of these  FRU 10H3371 Horizontal Till Insert for Compact Cash Drawer
4870	4783880		FRU 4783880 Adjustable Till Insert for Full Size Cash Drawer
4865	4783879		FRU 4783879 Fixed Till Insert for Full Size Cash Drawer

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FEAT CODE	TOP P/N		DESCRIPTION
4866	42P8020		FRU 42P8025 Euro Till (WIDE DRAWER ONLY)
9200	41D9798 Iron Gray  4611-MES 41D9805		FRU 41D9799 Non-operative lock Iron Gray <b>IF this is ordered as a 4611-048 MES item, you will receive one each of the</b> non-operative locks - pebble gray qty=1 (for legacy systems) - iron gray qty=1 - litho gray qty=1 (for legacy systems)
9202	41J8102		Lock insert (2)
9203	41J8103		Lock insert (3)
9204	41J8104		Lock insert (4)
9205	41J8105		Lock insert (5)
9206	41J8106		Lock insert (6)
9218	41A3498		FRU – See I/O Service Manual Asm #23 RANDOMLY-Assigned Keylock
9521	4783922		FRU 4783922 Key Change Kit

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FEAT CODE	TOP P/N		DESCRIPTION
		Intentionally blank to improve pagination	

## Specify Codes for 4910-E4x

6270	4910-E4D ONLY	<p><b>SPECIFY CODE for USB Interface</b></p>  <p><b>PLUS FC 3912 Powered USB cable (4925)</b></p>	<p>FRU= 44D0159 (interface) FRU - FRU 40N4716 3.8Meter Powered USB Cable</p> <p>Factory Order ONLY</p>
6270	4910-E4S, E4T, E4A ONLY	<p><b>SPECIFY CODE for RS-232 Interface</b></p>  <p><b>PLUS FC 3912 Power (from 24V USB) plus 2 meter RS232 cable</b></p>	<p>FRU= 50Y0020 (interface) FRU - FRU 40N5612 4610 Power FRU = 40N4780 RS-232 Cable – 2.0m</p> <p>Factory Order ONLY</p>

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## Line Cords

The Right-angle style cord is preferred for the 4810-x4x models.

CC/ FC	Country	FBM	FRU	Comments
9898	Non-Locking, HK	41A3299	39M5149	Dominica, Grenada, Hong Kong, Montserrat, Seychelles, Saint Kitts and Nevis
9895	Locking, JPN	41A2945	39M5135	Japan
9890	Non-Locking, JPN	41D0265	39M5197	Japan
9880	1.8 M Non-Locking, CHICAGO	41A2946	39M5077	FC 9880 is required in Chicago
9875	Non-Locking, US	41A2947	39M5079	US except Chicago, Anguilla, Cayman Islands, Turks and Caicos Islands, Virgin Islands (British)
9873	Locking, US	41A2948	39M5107	US except Chicago
9870	Non-Locking, Euro	41A3298	39M5121	Euro, France, Greenland, Mauritius, St. Lucia, Saint Vincent and the Grenadines
9865	Non-Locking, Denmark	41A3303	39M5128	Denmark
9860	Non-Locking, South Africa	41A3302	39M5142	South Africa
9855	Non-Locking, UK/Ireland	41A3299	39M5149	UK/Ireland
9850	Non-Locking, Switzerland	41A3304	39M5156	Switzerland
9845	Non-Locking, Italy	41A3294	39M5163	Italy
9840	Non-Locking, Israel	41A3305	39M5170	Israel
9835	2.8M Non-Locking, Chile	41A3306	39M5162	Chile
9830	2.8M Non-Locking, Argentina	41A3307	39M5065	Argentina, Paraguay, Uruguay
9830	2.8M Non-Locking, Australia	44M1984	39M5099	Australia, New Zealand
9825	1.8M Non-Locking, Columbia	41A2946	39M5077	Colombia, Venezuela, Peru, Ecuador
9820	2.8M Non-Locking, Columbia	41A3309	39M5078	Colombia, Venezuela, Peru, Ecuador
9820	2.8M Non-Locking, Brazil	44D1612	39M5237	Brazil Only

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## Revision History

V3.0 – Aug 27, 2012 – Bluewashed  
V2.9 April 6, 2012 – Added POSReady7 Features for 4810E40  
V2.8 – Sept 19, 2011 67-key Keyboard with LCD Announcement  
V2.7 5/10/11 Flip Top Cash drawer  
V2.6 – March 17, 2011 – Added Pearl White RPQ display and clarified memory pre-requisite for WIN-7  
V2.5 – Oct 20, 2010 – Win-7 announcement  
V2.4 – Oct 14, 2010 – Clarified 1Gb memory on 4910 models  
V2.3 – September 14, 2010 Withdraw 50-key legacy USB keyboard, Change Dispoay on model E4T (Europe)  
V2.2 May 28, 2010 – Changed to RIGHT Angle power cords  
V2.1 April 26, 2010 – Added FC 2257  
V2.0 March 22, 2010 –Added RPQ 8Q3080 Display  
V1.9 – Nov 13, 2009 – Opened FC 4588 to all of AP except Japan and Korea  
V1.8 – Oct 23 2009 for Nov 10 Announcement – New Compact Cash Drawer announced  
V1.7 Oct 5,2009 – Memory Enhancements announced October 06  
V1.6 August 12, 2009 Clarified KBD Applicability for FC 4861  
V1.5 May 12, 2009 Removed FC 4625 from Express models  
V1.4 March 31, 2009 Added Cash Drawer IO Tray  
V1.3 March 25, 2009 New Preloads (Mar31 announcement)  
V1.2 Feb 4, 2009 Changed PN for FC 1351