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**Product Memo
Hardware Compatibility
for QuickBooks Point of Sale 8.0**

Hardware Compatibility Chart

The following chart is provided for your reference and details hardware tested and found compatible with QuickBooks Point of Sale.

Connection Ports

Users may have questions about which and how many peripherals their computer can support. The compatibility chart indicates the port, or connection type, required for each item.

Important notes about connection ports:

- Cash drawers are connected to receipt printers, not the computer.
- PS/2 (keyboard) devices share the port with the keyboard, i.e. the computer does not need more than one PS/2 port. A handheld scanner, credit card reader, and keyboard can all share the same PS/2 port.

QuickBooks Point of Sale Hardware Compatibility Chart

Items in bold are currently sold by Intuit

Use as a guideline only. This chart provides an overview of devices tested with Point of Sale and which versions of Point of Sale tested. Additional configuration of some of the devices may be needed in order to work correctly with Point of Sale. Users should check with specific manufacturer's regarding additional compatibility and operating system requirements.

Only devices sold by Intuit are guaranteed to work together and work with Point of Sale.

Device	Model	Notes	Port	Tested with			
				v5.0	v6.0	v7.0	v8.0
40-Column Receipt Printers							
NEW v7	Citizen CT-S300 receipt printer	Work with v6, v5, and v4 after 11/15/07	USB		X	X	X
	Dell T200	Not compatible with Windows Vista. No longer sold by Dell.	USB	X	X	X	X
	Epson TM88II	Not compatible with Windows Vista. No longer sold by Epson	Parallel	X	X		
	Epson TM88II	Not compatible with Windows Vista. No longer sold by Epson	USB	X	X		

	Epson TM88III	Not compatible with Windows Vista	USB	X	X	X	X
	Epson TM88III	Not compatible with Windows Vista	Parallel	X	X	X	X
	Epson TM88IV PUSB		Powered USB		X	X	X
	Epson TM88IV USB	Sold by Dell	USB		X	X	X
	Epson TMU200	Not compatible with Windows Vista. No longer sold by Epson	Parallel	X	X		
	Star TSP 600		Parallel	X	X	X	X
	Star TSP 600		USB	X	X	X	X
	Star TSP 700		Parallel	X	X	X	X
	Star TSP100		USB		X	X	X
Tag Printers							
	Zebra LP2824	Also sold by Dell	USB	X	X	X	X
	Cognitive Del Sol DT2	Not compatible with Windows Vista	Parallel	X	X	X	X
	Cognitive Del Sol LC (DD24)	Not compatible with Windows Vista	Parallel	X	X	X	X
	Zebra LP2824		Parallel	X	X	X	X
NEW v7	Zebra LP2844		USB			X	X
NEW v7	Zebra LP2844		Parallel			X	X
Barcode Scanner Note: USB barcode scanners operate as keyboard wedge.							
	HHP Imageteam 3800LR	Also sold by Dell	USB	X	X	X	X
NEW v7	HHP 3820 Cordless Linear Imager	Sold by Dell	USB			X	X
	HHP SRIT 5600 Cordless Linear Imager		PS2	X	X	X	X
	HHP Imageteam 3800LR		Keyboard wedge	X	X	X	X
	Metrologic Quantum MS3580 Omni	sold by Dell	USB		X	X	X
	Metrologic Voyager BT MS9535 Bluetooth Wireless	Requires a Bluetooth adapter be installed	Keyboard wedge	X	X	X	X
	Metrologic Voyager MS9520		Keyboard wedge	X	X	X	X
	Symbol Cobra LS1902T		Keyboard wedge	X	X	X	X
	Symbol LS1908T		USB	X	X	X	X

	Symbol M2007 Omni directional	Does not scan jewelry tags	USB	X	X	X	X
	Welch Allyn (HHP) IT 3220		Keyboard d wedge	X	X	X	X
Cash Drawer--Note: Not all cash drawers work with all printers. Customer should check cash drawer manufacturer's specifications for printer compatibility.							
NEW v7	MMF Valuline		40- column receipt printer			X	X
	APG T371- DG1616	Sold by Dell	40- column receipt printer	X	X	X	X
	APG T371- BL16195	Sold by Dell	40- column receipt printer	X	X	X	X
	MS Cash Drawer CF Media Black		40- column receipt printer	X	X	X	X
	MS Cash Drawer CF Media White		40- column receipt printer	X	X	X	X
Pole Display							
	Logic Controls LD9900	Also sold by Dell	USB	X	X	X	X
	Logic Controls LD 9000		Serial	X	X	X	X
	Logic Controls LD 9000		USB	X	X	X	X
	Logic Controls PD 3000		Serial	X	X	X	X
	Logic Controls port powered 9900	Sold by Dell	Power d USB		X	X	X
	Partner Tech CD7220		Serial	X	X	X	X
Credit Card Swipes—card swipes not sold by Intuit or Dell may require additional configuration in order to work with QBPOS.							
NEW v7	Magtek 21040110		USB			X	X
	Cherry Keyboard MSR – G86- 62410EUAGSA	Sold by Dell. May require additional configuration to work with QBPOS	USB	X	X	X	X
	Cherry Keyboard MSR – G86- 62411EUADAA	Sold by Dell. May require additional configuration to work with QBPOS	USB			X	X
	Cherry Keyboard MSR – G81- 7920LUBBUS-2	Sold by Dell. May require additional configuration to work with QBPOS	USB	X	X	X	X

	Cherry Keyboard MSR – G81-7000 series	May require additional configuration to work with QBPOS	USB	X	X	X	X
	Cherry Keyboard MSR – G81-7000 series	May require additional configuration to work with QBPOS	PS2	X	X	X	X
	Dell DEL3331 33UB (ID Tech Mini Mag)	Sold by Dell. May require additional configuration to work with QBPOS	USB	X	X	X	X
	ID Innovations MSR		Keyboard wedge	X	X	X	X
	ID Innovations MSR		USB	X	X	X	X
	Logic Controls MR 3010		Keyboard wedge	X	X	X	X
PIN pad—The PIN Pads require special programming to work with both IMS MAS and Point of Sale. Only PIN Pads sold through Intuit and Dell channels have this programming. The programming is not available outside of Intuit channels. Intuit does not provide programming services.							
NEW v8	Ingenico 6580 Signature Capture		USB				X
NEW v7	Ingenico 3070	Available January 2008. Replacement for 2100 and 3010. Also sold by Dell	USB			X	X
	Ingenico 2100	Ingenico will phase this model out in December 2007. Starting in January 2008, this model will no longer be available from Intuit.	USB	X	X	X	X
	Ingenico 3010	Ingenico will phase this model out in December 2007. This model is no longer available through Intuit.	USB	X	X	X	X
PDT –Metrologic Optimus S and CipherLab 8000 sold by Intuit have interfaces and/or programming specially configured for ease of use with Point of Sale. The CipherLab 8000 sold by other vendors will work with Point of Sale, however the interface will not match what is shown and described in Point of Sale. Only Optimus S models sold through Intuit are guaranteed to have the required programming to work with Point of Sale. Intuit does not provide programming services.							
NEW v7	Metrologic Optimus S	Will work with v6, v5, and v4 after 11/15/07	USB			X	X
	CipherLab 8000		USB	X	X	X	X
Touch Screen Monitor							
	Dell E157FPT with MSR	Sold by Dell	USB		X	X	X
	Elo Touch screen HID (F05973)		USB	X	X	X	X

	Elo Touch screen KE (D63505)		USB	X	X	X	X
	Elo Touch screen 1529L with MSR	Sold by Dell	USB		X	X	X
	Elo Touch screen 1522L No MSR (E082911)	Sold by Dell	USB		X	X	X
	Elo Touch screen 1522L with MSR (E068101)	Sold by Dell	USB		X	X	X

Important Hardware Notes

Operating Systems

It is important to verify with customers that the PC systems they are running are compatible with the published system requirements for Point of Sale.

x32 vs. x64 operating systems

Both Windows XP and Windows Vista are available as both x32 and x64-bit operating systems. Most point of sale hardware will install and operate on x64-bit operating systems; customers should contact the hardware manufacturers for the latest drivers that are compatible for devices that are not in Intuit bundle and which x64 drivers are not included on CD.

Of the equipment that Intuit sells, following devices will install and operate on Windows x64 operating systems with special conditions:

- Zebra LP2824/2844 Tag Printer: new x32/x64 driver is available, but not included on QBPOS MR CD. Requires download from manufacture or Intuit tech support web site. Supported from v8 R2 and v7 R4.
- Ingenico i3070 PIN Pad: new x64 driver is available for download (not included in QBPOS MR CD).
- Logic Control pole display USB models: new x64 driver is available for download (not included in QBPOS MR CD).

Note: please do not confuse operating system with 64-bit PCs. Many PCs currently sold in the consumer channels are 64-bit machines but are running 32-bit operating systems.

Windows Vista

Windows Vista operating system is available in Basic, Home Premium, Business and Ultimate. The Point of Sale hardware sold by Intuit has been tested fully on Windows Vista Business and checked on the other flavors.

Not every device listed on the hardware compatibility chart is compatible with Windows Vista operating system. We recommend customers refer to manufacturer's operating specifications to determine whether a specific hardware device is compatible with Windows Vista or requires any configurations to Windows Vista in order to install the device. In our testing the following devices failed to install or operate on Windows Vista (any flavor):

- Epson TM88III receipt printer
- Epson TM88II receipt printer
- Epson TMU-200 receipt printer
- Dell T200 receipt printer
- Cognitive Del Sol tag printers

Device-specific Notes

Receipt Printers

- Epson TM 88II
 - For those using the Epson ADT driver, installing the Epson Status API driver module in addition will allow the cash drawer to be opened without feeding paper to the printer.
- Epson TM88III
 - Recommended to use Epson ATM_301gE.exe driver installer, and user should select EPSON TM-T88III Receipt available in the Version 6 Hardware Setup Wizard
- Epson TMU-200 (U200PD)
 - Recommended to use Epson's ATM_301gE.exe driver installer, and user should select EPSON TM- U210 Receipt.
- Star TSP 700
 - User should browse QBPOS CD for drivers in Drivers\StarTSP700) Driver name is "Star TSP700 Raster Printer
 - Defaults to partial paper cut, but can be changed to full cut in Windows printer preferences.

Cash Drawers

- A cash drawer requires a receipt printer through which it connects to the computer.
- Not all cash drawers work with all receipt printers. A cash drawer listed as "compatible" means it is compatible with QBPOS, not necessarily with all listed printers. User should check cash drawer manufacturer's specifications for printer compatibility.

Barcode Scanners

- Should be configured to add carriage return “<CR>” to the end of all scans.
- Symbol Cobra LS 1902 PS/2
 - The scanner must be configured using setup barcodes included with Symbol documentation.
 - The scanner is a “keyboard wedge”, type “IBM AT”.

Credit Card Swipes

- Credit card swipes not sold by Intuit, including those included with a Cherry Keyboard or Touch screen, may require additional configuration to work correctly with Point of Sale and PIN Pads.

PIN Pads

- PIN pads used with QuickBooks POS must be “injected” with the First Data encryption key and programmed with functionality specific to QBPOS. Only units obtained from Intuit or Dell meet both these requirements. This encryption key and programming is not available for download.
- Ingenico 6580
 - This PIN-pad has an integrated credit card reader. A separate credit card reader is not required.
 - This PIN-pad has an integrated signature capture.
 - This unit meets the latest PCI standards for PIN Pads.
- Ingenico i3070
 - This PIN-pad has an integrated credit card reader. A separate credit card reader is not required.
 - This unit meets the latest PCI standards for PIN Pads.
 - This unit will be sold beginning January 2008.
- Ingenico eN-Crypt 2100
 - This PIN-pad has an integrated credit card reader. A separate credit card reader is not required.
 - This unit will be sold through January 2008 and then phased out. It will no longer be available from the manufacturer.
- Ingenico 3010 PIN Entry Device
 - This is just the PIN-pad itself with no integrated credit card reader. A separate credit card reader is required to process debit transactions and recommended to process credit card and gift card transactions.
 - With the launch of POS 7.0, this unit will no longer be available as it is being phased out by the manufacturer in December 2007.

Pole Displays

- Serial pole displays may conflict with other serial devices such as printers or modems even if the other devices aren’t turned on or even connected. It may be necessary to reassign other devices to different serial ports.

Tag Printers

- Calibration

- To avoid wasted tags, users should recalibrate before printing large batches or when changing tag/label types. Tag stock can be rolled back after calibrating.
- Printing large numbers of tags:
 - The print buffer may overflow causing an “error found while printing the document” message dialog that prompts the user to retry or cancel the print job. *The user should be instructed to leave it alone.* Eventually the dialog will disappear automatically when the buffer catches up and all tags will print correctly. Printing fewer tags at a time will eliminate this issue.
 - The Zebra printer may overheat and stop working in order to cool down. If this happens, leave the printer alone and it will resume printing when the print head cools down.
- Cleaning
 - The Zebra comes with a cleaning pen included in the printer box. The Zebra print head should be cleaned as needed or after every 5 rolls of tags.
 - If the customer does not have a cleaning pen, extra pens can be ordered from Zebra directly, or 90% isopropyl alcohol on a cotton swab can be used.
- **Black line labels. new for v7+ and patches for v5, v6**
 - The Zebra black line jewelry paper stock delivers better performance in terms of alignment.
- Cognitive Del Sol DT2
 - Recommend to use intellidriversetup_nt.exe found on QBPOS CD in \Drivers\Cognitive\Cognitive Del Sol Driver to install printer.
 - Tag calibration settings can change dramatically when switching between different tag stock sizes. Customers should calibrate the printer after changing tag stock, or if the tag printout does not appear correctly centered
 - If the printer is not recalibrating correctly after changing tag stock size it may be necessary to reset the printer and recalibrate again. There is no power switch so to do this the printer power supply must be unplugged for a few seconds. After plugging it back in recalibrate the tag stock again.

Physical Inventory Scanners (PDTs)

- Physical Inventory Scanners sold by Intuit have a specially configured interface for ease of use with Point of Sale. While the same models sold by other vendors will work with Point of Sale, the interface will not match what is shown and described in Point of Sale and may be more difficult to use.

Proposed HP peripherals support:

Due to new offering of HP bundle with the launch of v8, the following devices can be used:

- HP USB MSR: #EY026AA
 - Required re-programming to make it keyboard wedge compatible and to add <CR> to data. Application (delivered by HP) can be call from HSW and v8 MR CD.
- HP Cash Drawer: #EY024AA
 - Connected to HP Thermal receipt printer A79x series.
- HP USB Bar Code Scanner: #EY022AA
 - Required re-programming to make it compatible with QBPOS – add <CR> and recognize 2of5IL. PDF and DOC files included on QBPOS v8 MR CD.
- HP POS Keyboard: #EY025AA#ABA
- HP Thermal Receipt Printer: #FK224AA. TGP A799.
 - Also TGP A794, driver for which is included on QBPOS v8 MR CD.
- Monitors:
 - 15" Touch screen Monitor Model L5006tm (HP Part No.# RB146AA#ABA)
 - 17" LCD Flat Panel (non-Touch Screen) L1710 (HP Part No.# GS917AA#ABA)
- HP rp3000 Point of Sale system block with XP