

Your Bravo Store Essentials

Hardware & Supplies Checklist

Bravo runs best when paired with our recommended hardware. Some of these hardware components are required and others are paid add-on features, but they are all used directly with Bravo to run an efficient, profitable store. If you find that shopping for the necessary hardware is overwhelming or if you would like to free yourself of the hassle, contact a Bravo sales representative to order the required hardware for you.



WORKSTATION

How many? One workstation for each Bravo License.

Component	Minimum Requirements
Operating System	Windows 7 or higher
Processor	Intel Core i5 @ 2.5 GHz
Memory	6GB - 8GB RAM
Disk Space	100 MB Minimum
Graphics Card	1024 x 768 Intel HD Graphics 2500 / Radeon HD 6000+ or equivalent with 1GB VRAM; GPU running 600MHz

Caution When Ordering:

- ✓ **All-In-One Computers** because of the way that the components are laid out in these machines, we do not recommend using them.
 - ✓ **Processor Performance** is dependent on the clock frequency of the processor and also on the number of cores and the size of the processor cache.
 - ✓ **Disk Space Requirements** for the system partition are approximate. Additional available hard disk space may be required if you are installing over a network.
 - ✓ **Minimum Spec. Requirements** are listed above. These are the lowest component requirements to use Bravo at its fullest potential. Anything above these specs will prove to have better performance so we recommend that these only be used as a starting point when looking at hardware.
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REPORT PRINTERS

How many? We recommend two report printers.

Two printers allows you to print both types of documents without having to switch the paper each time a different job is selected.

Purpose – One printer for reports, one printer for pawn tickets.

Consider– A color printer for pawn tickets will allow you to print your logo and ads in color.

Requirements – Must be Ethernet (network) printers. Connection must be plugged directly into the switch.

Note – Dual tray printers are not recommended.





LABEL PRINTERS

How many? Two, one for general merchandise and one for jewelry.
Remember that you'll need a third if you have elected to use the Price Slasher.

Purpose – Bravo uses three types of labels: General Merchandise, Jewelry, and Price Slasher (Add-On). Each type of label requires a dedicated printer.

Make/Model – Zebra TLP 2824 Plus

Part No. – 282P-101510-000

Requirements - Must be Ethernet (network) printers. Connection must be plugged directly into the switch.

Caution When Ordering:

- ✓ Bravo only supports this one type of label printer. Pay close attention to the part number when ordering, they need to match the part number exactly. We do not recommend that you buy printers that are older than 2 years, or that you purchase any used Zebra printer. The firmware that is installed on older or used machines can cause problems when the Bravo technician does the hardware installation.
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RECEIPT PRINTER

How many? One Star Receipt Printer.

Purpose – To print a transaction receipt for you, your customer, or both.

Make/Model – Star TSP100 LAN

Part No. – 39463110

Requirements - Must be Ethernet (network) printers. Connection must be plugged directly into the switch.



Caution When Ordering:

- ✓ Bravo only supports this one type of receipt printer. Pay close attention to the part number when ordering, it needs to match exactly. We do not recommend that you buy a receipt printer that is older than 2 years, or that you purchase any used Star printer. The firmware that is installed on older or used machines can cause problems when the Bravo technician does the hardware installation.
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CASH DRAWER

How many? Your Choice.

Employees can share one drawer (called global till) or they can have their own cash drawer (called general till).

Make/Model – Multi-Pro JD230-BL1816 or HID USB JD554A-B4816

Part No. – 39463110

Requirements - Must be Ethernet (network) printers. Connection must be plugged directly into the switch.

Caution When Ordering:

Bravo works with 2 types of cash drawer interfaces.

1. The HID compatible cash drawer is a USB interface which allows the user to use the "Pop Drawer" function from their Bravo workstation. All that is required is a USB to USB Cable.
2. The Multi-Pro interface works directly with the Receipt printer and allows the cash drawer to open when a receipt is printed. To use this function, a CD101-A cable is required (this is purchased separately).



BAR CODE SCANNER

How many? Your Choice.

Purpose – To save you time and typing errors from manual entry by easily collecting customer information to import right into Bravo. Not required but highly recommended.



Make/Model – We recommend a few different scanners:

- Honeywell Voyager 1400g - This wired USB interface scanner usually comes with 1.5M Cable and stand. 2D linear image scanner capable of reading even poor quality and mobile 2D barcodes
- Honeywell Voyager 1202g - This is a wireless scanner with a USB interface. A USB Data Cable is not usually included with this item so one would have to be purchased in order to operate. This would connect the docking station to the workstation.

Note – These scanners do not have to be Ethernet and work with a USB interface.



ID SCANNER

How many? Your Choice or One Per Workstation

Purpose – To save you time and typing errors by manual entry. The ID Scanner easily collects customer information and imports it into Bravo.

Make/Model – There are two different ID Scanners:

- Scanshell 800NR: SCN2CON800NR - **NOT FOR OHIO STORES** - Color scanning device which interfaces to any USB 2.0 port. This allows for easy population of customer information and ID photos.
- Scanshell 800R: 566135-029 - This is an Optical Character Recognition (OSR) scanner that translates printed text into digital text. This is important for stores in Ohio to read the unique barcodes and data layouts of the Ohio state ID's.

Note – These scanners do not have to be Ethernet and work with a USB interface.

FINGERPRINT SCANNER

How many? Your Choice or One Per Workstation.

Purpose – To save a digital image of your customer's fingerprint for police reporting. No biometrics at this time.

Make/Model - Digital Persona 4500: 88003-01 - USB interface with a 5.8 ft USB cable.





ROUTER & SWITCH

How many? 1 16 Port Gigabit Switch & 1 Small Business Wireless Router

Purpose - Our recommended switch is an unmanaged switch that we recommend for a 3-5 workstation store. Smaller stores are less likely to need a managed switch, but larger companies may benefit from one. If a larger or managed switch is needed for your operations, we recommend speaking with an IT professional to choose the proper hardware for your store set up.

Router - Cisco Small Business RV215W Wireless-N VPN Router

Switch - Netgear ProSafe GS116 16 Port Gigabit Desktop Switch

INTERNET

Recommended Speed – for a 3 workstations store is:

- Download Speed – 30.00 Mbps
- Upload Speed – 10.00 Mbps



Caution When Deciding on Internet Package and ISP:

- ✓ The better the internet connection, the better Bravo will run for you. We recommend that you check with your Internet Service Provider (ISP) to see the different speed options available to you. We also recommend periodically checking the speeds of your service to ensure your ISP is delivering the subscribed speed. You can check this at speedtest.net.
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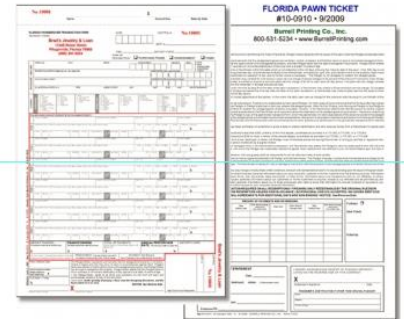
PAWN TICKETS

Most Bravo customers use Burrell Printing ticket stock. This is not a requirement. The stock that you order from Burrell will be blank on the front, and will have all of the necessary legal language on the back.

To order, contact Mark Bolles at Burrell. His phone number is (512)990-1188.

Keep in Mind:

- ✓ If there are any desired or required changes from the standard pawn ticket, it will require custom development by our engineers. Depending on the reasoning for the customization, fees may be associated with the change.



LABEL AND PAPER STOCK

How much? Your Choice.

You will need to order the following label and receipt paper stock:

- Jewelry (A Tags) - Zebra Part No: 10010064 with dimensions of 2.20" width by 0.50" length.
- General Merchandise (B Tags) – Zebra Part No: 10015340 with dimensions of 2.25" width by 0.75" length.
- Price Slasher (Optional) - Zebra Part No: 10010042 with dimensions of 2.250" width by 3.000" length.
- Receipt Paper - Thermal paper for Star Receipt Printers: 3 1/8 inches wide

Your Store Essentials

Store Network Topology

See above for specific make, model, and part numbers.

This store network topology applies to a typical store confirmation with 3 licenses.

