

# System Hardware Requirements

## Dinerware POS Software (version 3.4)

All-in-one touch screens assume the following minimum specifications:

- Operating System (OS): Win7 Pro, Win7 Enterprise, Win7 Ultimate, Windows Server 2008 R2, POSReady 2009, POSReady 7, Windows 8 (workstation only)
- 1024x768 screen resolution
- Supported peripherals: RS232 Serial Printers, Ethernet IP Printers, USB Barcode Scanners, RS232 Serial Pole Displays, RS232 Serial Scales, RS232 Coin Dispensers

**ADVANCED USERS**  
For IT or technical users

### Questions?

Contact us at:

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\* Installations of **8 or more terminals** require a separate, dedicated Brain machine running the full standard edition of SQL Server (instead of SQL Server Express). Contact Dinerware Support for further recommendations or detailed assistance.

**NOTE:** Use of **Minimum** requirements may limit future growth of your database. There is also the risk of limiting the life of the system, as it may not be able to handle future upgrades of Dinerware. If the system should fall too far behind the current version of Dinerware, it may no longer qualify for support.

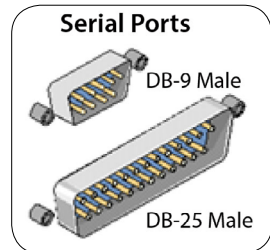
**IMPORTANT:** Dinerware uses Serial (RS-232) and Ethernet (IP) printers. Dinerware uses internal print drivers and those drivers should not be installed within Windows.

Terminals	Processor and RAM requirements					
	CPU		RAM		HDD	
	Recommended	Minimum	Recommended	Minimum	Recommended	Minimum
<b>1 - 3</b>	2.4 GHz Core 2 Duo CPU <sup>1</sup>	2.0 GHz	4 GB	2 GB	160 GB	80 GB
<b>4 - 7</b>	Intel i3, i5, or i7 3.0 GHz CPU <sup>1</sup>	2.4 GHz Core 2 Duo CPU <sup>1</sup>	4 GB	2 GB	160 GB	80 GB
<b>8+ *</b>	3.2 GHz Quad Core XEON CPU <sup>1</sup>	Intel i3, i5, or i7 3.0 GHz CPU <sup>1</sup>	8 GB	4 GB	500 GB	80 GB

<sup>1</sup> or an equivalent unit

Terminals	Processor and RAM requirements					
	CPU		RAM		HDD/SSD	
	Recommended	Minimum	Recommended	Minimum	Recommended	Minimum
<b>1 - 7</b>	2.0 GHz	1.6 GHz	2 GB	1 GB	80 GB/ 64 GB SSD	40 GB/ 32 GB SSD
<b>8+</b>	2.0 GHz Dual Core Atom <sup>1</sup>	1.6 GHz	2 GB	1 GB	80 GB/ 64 GB SSD	40 GB/ 32 GB SSD

Printer Manufacturer	Receipt Printer (Thermal)	Remote Printer (Ethernet)
Epson	TM88III / TM88IV	TM-U220B / TM-U230
Star	TSP-100	SP-500
Bixolon	SRP-350IIG	SRP-275CEPG
Posiflex	PP6800, PP8000	



- Dinerware requires Null Modem cables to support serial connections (DB-9 to DB-25 or DB-9 to DB-9). Please consult your printer's documentation.
- Cash drawers are printer-controlled with Epson-emulated or Epson-compatible cables, but printer-driven RJ45 or RJ11 interfaces are also compatible.
- Dual cash drawer operations require a splitter cable. Please consult your cash drawer manufacturer.
- Pole displays must be serial (DB-9) based; if pole display include an external power adapter, the terminal to which it is connected needs a powered serial port option (This may be found in the system BIOS). Please consult your terminal manufacturer.
- You can use CAT5e for an extended serial connection by using RJ45 adapters.
- **Please note:** Certain features, versions, or 3rd-party affiliate programs of Dinerware may have compatibility issues with 64-bit instances of Windows. Please consult with your Dinerware representative for more information.