

Microsoft Dynamics™ RMS Recommended Hardware Requirements

Recommended CPU Specification

While Microsoft publishes a minimum hardware requirement specification, this is only the minimum configuration required to install the software and run it. Their specification does not take into consideration the existence of large item and customer files, high volume transaction processing environments, and in multi-store environments, the required memory overhead to support automated communications to Head Office. We have found that, in general, more is better than less. As a minimum, we recommend the following.

Main Workstation with Database (Either POS or Back Office):

Pentium 4 processor or better at 2.0GHz, 2.0GB RAM, 20 GB Hard Drive

Additional Workstations:

Pentium Class processor or better 1.0 GHz, 1.0GB RAM, 20 GB Hard Drive

The recommended operating system at the store level is MS Windows XP Professional w/ sp2. Microsoft Dynamics™ RMS version 2.0 installs with a licensed copy of Microsoft SQL Express; no additional database software licensing is required unless database size exceeds 4.0GB or the number of concurrent users/devices in each store exceeds 10. Microsoft Dynamics RMS is also supported on the Vista Business operating system or better.

Recommended POS Peripheral Devices

RMS works with any POS peripheral or PC peripheral device, provided there is an updated Windows XP or OPOS device driver available from the manufacturer. However, we recommend specific models from specific manufacturers because we have found them to be reliable and cost-effective. In addition we are able to provide the highest quality technical support for these components due to our extensive experience with them. The following is our recommended POS peripheral device specification.

1. **40-Column Receipt Printer** – Any OPOS compliant or MS Windows compatible printer with a serial, parallel or USB interface will work with RMS, however, we recommend the Epson TMT88. It has been the industry standard thermal receipt printer for over 10 years.
2. **Cash Drawer** – Any standard cash drawer with an interface to a compatible receipt printer; or any cash drawer with an RS232 interface and an appropriate OPOS driver. We recommend the APG Series 100 – it's reliable, cost-effective and it respects your real estate at the front counter.
3. **Barcode Scanner** – Any standard barcode scanner with a keyboard wedge, serial or USB interface, depending on the availability of ports on your CPU. We recommend the Metrologic Voyager hand-hand and Metrologic Orbit scanners; they come with both keyboard and USB cables. HHP and Symbol Technologies are also preferred manufacturers.
4. **2-Line Customer Pole Display** – We like Logitech's PD3000 and LD9900 or any Epson Customer Pole Display for ease of configuration and cost-effectiveness. Use either a USB or serial connector, depending on the ports available on the CPU.
5. **Label Printer** – Any Direct Thermal or Thermal Transfer label printer will work with RMS, provided a Windows XP Pro sp2 driver is available for it. Most label printers come with both a parallel and serial port and some also have USB ports. We recommend Zebra label printers, specifically, the LP2844 and TLP2844 for desktop printing and the 105SL series for high volume, heavy duty printing requirements.
6. **Portable Data Collection Device** – RMS can import data from most data collection devices into the Physical Count worksheet module, however we recommend using the Metrologic Optimus SP5500 or the Symbol MC50/70 series. Software for both portable data collectors is available from Tri-City Retail Systems.