

NCR Counterpoint System Requirements

Servers

The following system requirements apply to the Counterpoint server in a LAN or WAN environment, as well as to the Hub server and all Remote servers in a Multi-Site environment.

Component	Requirement/Recommendation
Operating System	<ul style="list-style-type: none"> Windows Server 2008 (32-bit or 64-bit) Windows 7 (32-bit or 64-bit) Windows Server 2012 R2 (64-bit) Windows 8.1 (64-bit) Windows Embedded POSReady 2009 (32-bit or 64-bit)
Processor	2 GHz Pentium 4 or better
Memory	4 GB
Database Engine	<ul style="list-style-type: none"> Microsoft SQL Server® 2008 R2 Standard, Business, or Enterprise Edition (available separately) Microsoft SQL Server 2008 Express R2 (included with Counterpoint) Microsoft SQL Server 2012 Standard, Business, or Enterprise Edition (available separately) Microsoft SQL Server 2012 Express Edition (SSE) <p>Note: Microsoft SQL Server 2008/2012 Standard, Business, or Enterprise Edition is strongly recommended for systems with more than 5 concurrent users and is required for use with Multi-Site servers.</p>
Networking	<ul style="list-style-type: none"> Managed hardware firewall Software-based firewall (e.g., Windows Firewall, ZoneAlarm, Norton, etc.) <p>Note: If you are using Offline Ticket Entry, your hardware firewall(s) must be configured to allow your offline workstations to connect to your server(s) via a Virtual Private Network (VPN) connection. In a Multi-Site environment, each site's hardware firewall must be configured to route replication traffic through a site-to-site VPN connection.</p>

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Workstations

Component	Requirement/Recommendation
Operating System	<ul style="list-style-type: none"> Windows 7 (32-bit or 64-bit) Windows 8.1 (64-bit)
Processor	<ul style="list-style-type: none"> 1.6 GHz Pentium M or better (LAN) 1.3 GHz Celeron M or better (WAN)
Memory	1 GB (1 GB is fine for non-offline, but offline workstations need a minimum of 2 GB)
Disk Space	Offline workstations require a minimum of 80 GB of disk space.
Database Engine	<p>If you are using the Offline Ticket Entry Option, each offline workstation requires one of the following database engines:</p> <ul style="list-style-type: none"> Microsoft SQL Server 2008 Express R2 (included with Counterpoint) Microsoft SQL Server 2012 Standard, Business, or Enterprise Edition (available separately) Microsoft SQL Server 2012 Express Edition (SSE)
Additional Software	<ul style="list-style-type: none"> Internet Explorer 6.0 or later Creating or modifying label formats requires NiceLabel Pro 4 or later (available separately) Creating or modifying reports requires Crystal Reports 9 or 10 Professional or Advanced (available separately) <p>Note: Counterpoint supports (and we recommend) Crystal Reports 10.5</p>
Networking	Software-based firewall (e.g., Windows Firewall, ZoneAlarm, Norton, etc.)
Other	Each workstation that will access the Counterpoint online help or the Dashboard must have an active Internet connection