

Library Resource Management Systems, Inc.
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Genesis G3

Computer Equipment Minimum Recommendations

**Equipment and Operating System requirements
for Genesis G3 running on a local server network configuration.**

Hardware Information:

Any library not meeting these listed specifications should contact LRMS Support to discuss your current computer configuration.

Internal Networking Environment for Local G3 Installation

G3 General requirements

- Computers having the same operating must be equally updated to the same standard and preferably to the latest Microsoft release standards or service packs.
- The protocol between the administration Workstation and the server requires TCP/IP.
- The Network Server is to be a Windows 2003, Windows 2000 or Windows NT server
- SQL 2000 or MSDE is to be installed on any Windows 2003 server (MSDE is provided by LRMS for systems with less than 8 administrative/circulation workstations).
- While it is not necessary for the entire network to run TCP/IP, all workstations accessing the G3 program or its WebOPAC or Internal Network Library Catalog (PAC) must use TCP/IP and **MS Internet Explorer 5.5+ browser or Netscape 8.0+, FireFox 1.5+, Opera 8.5+ Browsers.**

Local Network Server

- Intel Pentium or AMD High Speed Processor or better
- 1 Gig Ram Minimum using this Formula = Plus Recommend additional 256 Meg Ram for each additional library database or collection added to the server.
Example of four (4) Db = 1G+256+256+256
- SCSI High Speed Hard Drive and buffer consider using drives that are suitable for use with an SQL server operating system (NT only with a minimum 2 Gig primary partition). We suggest a Mirrored configuration to provide redundant backup to protect against hard drive failure or use the G3 FallBack or FailSafe Backup Optional Service.
- **Alternate Hard Drive** (lower cost server) SATA IDE configurations can be used in servers having smaller collections and moderate circulation.
- DVD/CD-RW-ROM (or suitable Tape back-up device system or SQL compatible device)

Local Single Server Software OS Information & Setup

- Windows NT 4.0 or Windows 2000, Windows 2003
- SQL 2000 or better for large high volume installations (9+ Admin/Circ. workstations) or MSDE2000 for small low volume installations (1–8 Admin/Circ. Workstations), which is shipped with G3.
- Updated to the Latest Service Pack and patches
- TCP/IP Protocol
- Minimum of one static IP-Address for this server running at 100Mbps connection
- IIS Services setup and fully operational in order to access the Library Catalog (PAC, OPAC or WebOPAC)

Administrative/Circulation Client - Windows Workstation Environment

- Minimum 512 Meg for Windows XP Pro or updated Windows 2000
- Administrative workstations accessing G3 and OPAC will be required to have TCP/IP protocol with **MS Internet Explorer 5.5 +, Netscape 8.0+, FireFox 1.5+, Opera 8.5+**
- Windows compatibility; Windows NT Workstation, Windows 2000 and Windows XP Pro.
- Recommend 17" monitor.
- Workstations must be current and updated to Microsoft latest service releases.

Patron Windows Library (& Classroom) Catalog Workstation Environment

- All Computer workstations accessing G3 OPAC will be required to have TCP/IP protocol **MS Internet Explorer 5.5 +, Netscape 8.0+, FireFox 1.5+, Opera 8.5+**
- Windows compatibility; Windows 98, Windows XP Pro, Windows 2000 and Me.
- RAM minimum for Windows 98 or Me is 128 Meg of RAM, 256 Meg for Windows XP Pro and 2000
- Workstations must be updated to Microsoft latest service releases.

Patron Novell Workstation Environment

- **All Computer workstations in a Novell Environment accessing G3 OPAC will be required to have TCP/IP protocol with MS Internet Explorer 5.5 +, Netscape 8.0+, FireFox 1.5+, Opera 8.5+**
- It's recommend that you use Novell 5 or better, for best network interface performance.
- RAM minimum for Windows 98 or Me is 128 Meg of RAM, 256 Meg for Windows XP Pro and 2000
- Workstations must be updated to Microsoft latest service releases.

Patron Macintosh Workstation Environment

- Must have TCP/IP Protocol and the latest MS Explorer.
- 32 Meg of RAM minimum & OS 8.6
- *Sorry, there currently is no G3 administration software for Macintosh.*

Printer Environment

- LRMS recommends the use of HP LaserJet printers, however, G3 will utilize any local or network based LaserJet printer, which emulates Hewlett Packard printer standards for Report, Label and Photo ID Card printing. ID Card printing can also be preformed using any Color DeskJet Printer.
- G3 will also produce Circulation Receipts through any standard DeskJet, LaserJet printer or Star, Epson or Citizen Receipt printer.