



GoPrint System Requirements – Update 11/1/2016

Recommended minimum memory is 1 GB Ram per component, and mandatory minimum is 512MB per component. In both cases, add the operating system minimum requirement to the result. In other words, a server running GTX + Agent should have 512MB of memory plus memory for the operating system.

The following recommended hardware requirements may be applied to **virtual server** environment with the recommendation of Intel chips and 2 GB of memory for the GTX and additional 2 GB for the Agent/print server for a total of 4 GB.

Disk Space:

print spooler: 65 gigabyte

Database: 20 gigabyte

Bandwidth

GTX/ Database: 1GB Ethernet connection.

Remote Print Agents and workstations: 100MB Ethernet connection is sufficient.

Failover

Raid 1 mirror is preferred to a single drive setup.

Recommend at least 2 cpu cores either a single dual core or two single core cpu setup. x64 based OS preferred.

Raid 10 drive configuration is preferred to a Raid 1 mirror or single drive setup.

Recommend at least 4 cpu cores either a single quad core or two dual core cpu setup. x64 based OS preferred.

Required Ports:

GTX and Agent communication: 7768 and 7769

PayStation to GTX communication: 7767 and 7770

Web Client to GTX communication: 7773 (secure) 7768 (non-secure)

Computer Name Resolution:

GTX needs to resolve computer names to IP addresses. For web client popup and PayStation proper name resolution must be present (NetBIOS, or DNS, or WINS) from the client machines.

Database Platform:

The recommended default database platform is PostgreSQL for medium to small environments.



LARGE INSTALLATION

A large installation is defined as one with:

- 100 plus printers
- 50,000 to 80,000 full-time equivalent students
- 500 to 2,500 Client PC's
- 1000 Web Clients

GoPrint Server Specifications (Installed GoPrint components include the GTX and Agent services)

- Recommend Dual Core processor, or equivalent non-Intel chip
- Minimum 4 GB RAM or more
- 100GB, plus additional storage for logs and print history. With Print Archiving then minimum of 150GB of free disk space is recommended.
- Windows Server 2012/2008, (64 bit or 32 bit) Linux, Mac OS X Server
- PostgreSQL 9.0 or higher
- Oracle 9.2 or higher
- MS SQL Server 2016/2014/2012/2008/2005
- Windows printing, CUPS, LPRng

GoPrint Print Release Station Specifications

- Minimum Pentium IV™ CPU 2Ghz or better, or equivalent non-Intel chip
- Windows 7/8/10 (64 bit or 32 bit), Linux, Mac OS X
- Recommended minimum 2 GB RAM and 1 GB initial hard drive space for component plus Processor, RAM and disk space as required by the operating system.
- 50GB hard drive space

MEDIUM INSALLATION

A medium-sized installation is defined as one with:

- 20 to 100 printers
- 10,000 to 50,000 full-time equivalent students
- 300 to 500 Client PCs
- 500 Web Clients

GoPrint Server

- Minimum Duo Core processor
- 4 GB Ram or more
- 100GB, plus additional storage for logs and print history. With Print Archiving then minimum of 150GB of free disk space is recommended.
- Windows Server 2012/2008, (64 bit or 32 bit) Linux, Mac OS X Server
- PostgreSQL 9.0 or higher
- Oracle 9.2 or higher
- MS SQL Server 2016/2014/2012/2008/2005
- Windows printing, CUPS, LPRng



GoPrint Print Release Station Specifications

- Minimum Pentium IV™ CPU 2Ghz or better, or equivalent non-Intel chip
- Windows 7/8/10 (64 bit or 32 bit), Linux, Mac OS X
- Recommended minimum 2 GB Ram and 1 GB initial hard drive space for component plus Processor, RAM and disk space as required by the operating system.
- 50GB hard drive space.

SMALL INSTALLATION

A small installation is defined as one with:

- 20 or fewer printers
- Fewer than 10,000 full-time equivalent students
- Fewer than 300 PCs

GoPrint Server Specifications

- Minimum Duo Core processor
- 2 GB RAM
- 80 GB disk space - Dual hard drives with RAID-1 mirroring enabled
- Windows Server 2012/2008, (64 bit or 32 bit) Linux, Mac OS X Server
- PostgreSQL 9.0 or higher (Recommended)
- Oracle 9.2 or higher
- MS SQL Server 2016/2014/2012/2008/2005
- Windows printing, CUPS, LPRng

GoPrint Print Release Station Specifications

- Minimum Pentium IV™ CPU 2Ghz or better, or equivalent non-Intel chip
- Windows 7/8/10 (64 bit or 32 bit) Linux, Mac OS X
- Recommended minimum 2 GB RAM and 1 GB initial hard drive space for component plus Processor, RAM and disk space as required by the operating system.
- 50GB hard drive space



COMBO SERVER (Optional small environment)

Combines all GoPrint components on the same machine. System performs as a print server, database server, and Print Release Station.

- 5 or fewer printers
- Fewer than 2,000 full-time equivalent students
- Fewer than 100 PCs

Combination Server (Combo Server, Print) and GoPrint Station Specifications

- Minimum Duo Core processor
- Recommended minimum 2 GB Ram
- 50 GB disk space - Dual hard drives with RAID-1 mirroring enabled.
- 120 GB disk space RAID-1 mirroring, recommend Raid- 5
- Windows Server 2012/2008, Windows 10/7 (64 bit or 32 bit) Linux, Mac OS X Server
- PostgreSQL 9.0 or higher (recommended)
- Oracle 9.2 or higher
- MS SQL Server 2016/2014/2012/2008/2005
- Windows printing, CUPS, LPRng

Web Client native executables are available for:

- Windows 7/8/10 (64 bit and 32 bit) Mac OS X. The web client is not supported on Mac OS 9, or Linux workstations. The browser-only version of the Web Client should be used on those platforms.