

LABORATORY SERVERS

The lab division at CompuGroup Medical makes setting up your laboratory easy.

Choose pre-configured hardware designed to meet or exceed the requirements of your laboratory information system and the specific needs of your lab. Enjoy the advantages of ordering your software and hardware from the same convenient source.

For more information regarding system requirements and the possibility of a virtual server, visit cgmus.com/sys_reqs/.

With CGM hardware, your lab will enjoy:

- Hardware designed to system requirements
- First year hardware warranty at no charge
- First year hardware support at no charge
- Server migration
- Assistance reconnecting analyzers to workstations
- In-stock availability

IDEAL USE

Dedicated Scanning Server 6 SSD, 2U, Xeon Gold

Large labs or any lab storing scans or attachments in CGM LABDAQ. Can be paired with Interface Server for load balancing.

Dedicated Server 4 SSD, 2U, Xeon Gold

Labs with 15-30 workstations and some attachments, but not every requisition or result. Five or more HL7 interfaces. Can be paired with Interface Server to load-balance database vs. application.

Dedicated Server 4 SSD, 2U, Xeon Silver

Labs with 10-20 workstations and some attachments, but not every requisition or result.

Dedicated Server 2 SSD, Tower

Mid-sized labs with 5-15 workstations or any lab with 2-3 file-based analyzers. Facilities with 1-2 remote labs & 1 unidirectional analyzer connection per remote lab.

Workstation Server

Physician office lab (POL) with low test volume. Connects to a maximum of 3 other workstations.

Interface Server

Use in addition to another dedicated server for labs with several HL7 interfaces.



Server	Processor	RAM	Storage	Operating System	Backup Device	Other Hardware
Dedicated Scanning Server - 6 SSD, 2U, Xeon Gold	Intel® Xeon Gold 6230 2.1G, 20C/40T	128GB	1.2TB SSD SAS ISE x2, 1.92TB SSD SAS ISE x4, (RAID-1)	Windows® Server 2022 Standard	Data Backup (Network) 1 TB NAS	Smart UPS – 6 HDD
Dedicated Server - 4 SSD, 2U, Xeon Gold	Intel® Xeon Gold 6230 2.1G, 20C/40T	128GB	1.6TB SSD SAS ISE x2, 1.92TB SSD SAS ISE x2, (RAID-1)	Windows® Server 2022 Standard	Data Backup (Network) 1 TB NAS	Smart UPS – 6 HDD
Dedicated Server - 4 SSD, 2U, Xeon Silver	Intel® Xeon Silver 4316 2.1G, 20C/40T	64GB	1.6TB SSD SAS ISE x4, (RAID-1)	Windows® Server 2022 Standard	Data Backup (Network) 1 TB NAS	Smart UPS – 6 HDD
Dedicated Server - 2 SSD, Tower	Intel® Core i7 12700	64GB	Mirrored (2- 1TB SSD) & 250 GB NVMe M.2 Boot Drive	Windows® Server 2022 Standard	Data Backup (Network) 1 TB NAS	Smart UPS
Workstation Server	Ryzen™ 5	64GB	1TB SSD & 250GB NVMe M.2 Boot Drive	Windows® 11 Professional	USB HDD External	--
Interface Server	Intel® Xeon Gold 5318Y 2.1G, 24C/48T	128GB	1.2TB SSD SAS ISE x2, (RAID-1)	Windows® Server 2022 Standard	Data Backup (Network) 1 TB NAS	Smart UPS – 6 HDD

LABEL PRINTERS

Printer	Applicable Software	Ideal Use
GoDex DT2x USB or Ethernet	CGM LABDAQ, CGM SCHUYLAB	Most labs.
Zebra ZD410 Ethernet	CGM LABDAQ	Multi-site facilities or labs with three or more workstations.



Contact us
to learn more

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