

Z Software Hardware Guide – August 2026

Minimum and recommended system requirements for our system:

Supported operating systems required for Z Software and Active Script List (64-bit)

- Windows 11
 - 26H1, 25H2, 24H2 (IoT, Enterprise), 23H2, 24H2, 23H2 (Enterprise)
 - NOT compatible with 22H2
- Windows Server 2019, 2022

Please note - 32-bit operating systems are NOT compatible with Z Software.

Programs required for Z Dispense, Z Office and Z Register

- Microsoft .Net 10
- Minimum TLS 1.2

Processor:

- **Intel Core i7 Processor or AMD Ryzen 7 CPU (recommended)**
- Intel Core i3 Processor 2.0 Ghz+ or AMD Ryzen 3 CPU (minimum)
- Intel Core i5 Processor or AMD Ryzen 5 CPU (compatible)
- Intel Core i9 Processor or AMD Ryzen 9 CPU (compatible)
- Intel Xeon Processor or AMD Epyc server CPU (compatible)

Screen Resolution:

- **1920 x 1080 (recommended)**
- 1280 x 800 (minimum for Dispense), 1024 x 768 (minimum for Register/Office)

Please note - Resolutions higher than 1920 x 1080 are supported however you may need to adjust the scaling in Z Dispense/Office/Register for text to be an appropriate size.

RAM:

- Windows 10 or 11 (64-bit):
 - For a server machine:
 - **32GB (recommended) – webster server or other pack server**
 - 16GB (minimum)
 - For a workstation:

- **16GB (recommended)**
- 8GB (minimum)
- Windows Server 2019/2022 (64-bit):
 - For a server machine:
 - **32GB (recommended) webster server or other pack server**
 - 16GB (minimum)

Please note -

- *Around 1-2GB required to run Z Software programs, 1-2GB to run SQL Server database on server. There is also a minimum RAM requirement to run the operating system*
- *More RAM may be required if there any other programs / third-party software running on the same machine (e.g. Webstercare, eRx, MedAdvisor, web browsers etc.)*

Storage: Solid state drive (highly recommended especially on server machine) or hard disk

- On server:
 - 40GB minimum available space required for Z Software (includes storage space for program files, database, database backups etc.).
- For workstation:
 - 5 GB minimum available space required for Z Software

Please note - If your site is using Bestmed, solid state drives (SSD) are required

Hardware and peripherals that work with Z Software

There may be other brands/models that work with our software, but as we may not have come across them before we can't confirm whether they would work.

Docket Printer (for till receipts):

- Epson TMT-88 (IV/V/VI)
- Epson TM-82 (II/III)
- Element RW-973
- Bixolon SP330
- Bixolon SRP-E300
- SAM4S GCUBE 100D (Compact Docket printer for less space)
- Star Printers **DO NOT** work

Label Printers:

Current Compatible Models

- Zebra ZD220d or ZD220t
- Zebra ZD420 (Network)
- Bixolon XD5 (Peeler Version needs to be turned off)
- Bixolon XD3

Backwards Compatible With:

- Zebra GC420d, GK420d, GX420d, GK420T, GK888T
- Zebra LP 2844
- Bixolon DX-420d

NOT Recommended:

- TSC Thermal Label Printer (not recommended, only seagull driver available, expect delay)
- Honeywell PC45D

Laser Printers (for A4/A5 printing):**Current Compatible Models:**

- Kyocera PA Range
 - PA4000x (low volume printing)
 - PA4500X
 - PA5000X

Backwards Compatible With:

- Kyocera FS Range
 - FS-2100D
 - FS-2100DN
 - FS-4100DN
 - FS-4200DN
- Kyocera P Range
 - P3045DN
 - P3050DN
 - P3145DN
 - P3150DN
 - PA4500X
 - PA5000x

Barcode scanner (2D required for E prescribing/Tokens/QR codes)**Current Compatible Models:**

- Zebra DS9308 (2D Scanner)
- Element P880DS (2D Scanner/Dual Facing Scanner)
- Motorola DS9208 (2D Scanner)
- Zebra DS2278 (2D Scanner and Wireless)

Backwards Compatible With:

- Symbol LS2208 (1D Scanner)/ Datalogic GM4100 (1D Scanner)
- Honeywell Metrologic Orbit MS7120 (1D Scanner)

Z Office Express App (Z.O.E) Requirements

Current Compatible Models:

- Zebra
 - TC22
- Urovo Android barcode scanner (From <https://www.posdirect.com.au>)
- ScanSku device (www.scansku.com.au)

Mobile Devices

- Motorola G14
- Samsung A05s
- Samsung A16 5G

Backwards Compatible With:

- Zebra
 - TC25
 - TC26
 - TC52
 - TC51
- Samsung
 - A15 5G

Android devices with the following requirements

- Android 6 minimum
- Barcode scanning capabilities (1D min, 2D preferred in case we utilise QR code scanning in future. Smartphone camera will work)
- 2GB RAM minimum
- 8GB storage (should be standard across most devices now)
- strong wireless capabilities (will be connecting to router/wireless server if applicable)
- Google Play Store

Android devices that DO NOT work well with Z Office Express

- Oppo A17 – camera not focusing in app
- Nokia C32 – camera not focusing in app
- Lenovo Tab M7 TB-7306F – camera not focusing in app

Hardware Contacts

Australia Wide

- **POS Direct - Sales**
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QLD + Northern NSW + VIC

- **GZD** (they don't do VIC themselves, but have a contact in VIC)

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