

TECHNICAL DATA

CONNECTIVITY

NETWORK BACnet/Ethernet, BACnet/IPv4 and BACnet/IPv6; can be configured to act as a BACnet Broadcast Management Device (BBMD).

COMPUTER REQUIREMENTS

See the table below to determine minimum computer specifications for the primary Compass workstation. Additional memory is recommended for projects that have many concurrent users, displays, or templates.

For example, a project that has ten or more users and 100 or more displays and templates may need additional memory. For Compass client workstations, use a computer with a dual-core processor and at least 4GB RAM.

In regard to Operating Systems – Alerton strongly recommends using the most up-to-date Windows OS; be it Windows 10 or Windows Server 2019 for the Compass Primary Workstation (server). For Secondary Workstations (client) Alerton recommends Windows 10.

Compass Model	BACnet Devices	Operating System	CPU Cores**	Memory**
COMPASS-1-ENT	up to 3000*	64-bit	Eight-core	32GB
COMPASS-1-XL	up to 1000	Windows 10 (Pro/Ent)	Eight-core	16GB
COMPASS-1-LG	up to 450	Windows 7 (Pro/Ent)	Quad-core	16GB
COMPASS-1-MD	up to 150	Windows Server 2019	Quad-core	8GB
COMPASS-1-SM	up to 50	Windows Server 2016	Quad-core	8GB
COMPASS-1-XS***	up to 25	Windows Server 2012 R2	Quad-core	8GB
COMPASS-1-XXS***	up to 10			

*The number of supported devices in the Enterprise model can be extended in 1000 device increments by applying one or more device packs (COMPASS-1-ENTDP).

** CPU Cores and Memory recommendations are minimums – increasing the number of cores and amount of memory improves performance and provides for a better user experience.

*** All Compass licenses support SQL Enterprise database configuration; except for COMPASS-1-XS and COMPASS-1-XXS.

SUPPORTED MS-SQL VERSIONS

MS-SQL Server 2017
MS-SQL Server 2016
MS-SQL Server 2014 SP2/SP3
(Standard or Enterprise versions)

NOTE: If the MS-SQL Server and Compass are installed onto the same machine, the memory must be increased by 4GB - 16GB (depending on the version) and you may require additional storage capacity.

SUPPORTED BROWSERS

Chrome (latest version)

NOTE: Compass is designed, developed, and tested to function best using the Chrome browser. Other browsers may be compatible; however, Alerton strongly recommends Chrome.

ORDERING INFORMATION*

ITEM NUMBER

COMPASS-1-ENT	Enterprise license, up to 3000 devices + Advanced Reporting
COMPASS-1-XL	Extra Large license, up to 1000 devices
COMPASS-1-LG	Large license, up to 450 devices
COMPASS-1-MD	Medium license, up to 150 devices
COMPASS-1-SM	Small license, up to 50 devices
COMPASS-1-XS	Extra-small license, up to 25 devices (does not support SQL Enterprise database configuration)
COMPASS-1-XXS	Extra-extra-small license, up to 10 devices (does not support SQL Enterprise database configuration)
COMPASS-1-ENTDP	Add-on for Enterprise license only (COMPASS-1-ENT) to support an additional 1,000 devices
COMPASS-1-ADVREP	Advanced Reporting add-on for COMPASS-1-SM/MD/LG/XL
EASE-1-*	Advanced Scheduling add-on for Compass-1-SM/MD/LG/XL/ENT

* refer to EASE data sheet for specific license models



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