



WIN-PAK 4.9 System Requirements and Specifications

Minimum Hardware Requirements for WIN-PAK 4.9 on a Dedicated Machine

	Type	Processor (CPU)	Memory ** (RAM)	Hard Drive *
1 – 10 Readers 250 Cards	Server	Intel Core i3 Desktop class machine Quad Core, 3.70 GHz	8GB	120 GB SATA or SCSI 7200 RPM min or Solid-State drive
	Workstation			
	Communication Server			
1 – 100 Readers 5,000 Cards	Server	Intel Quad Core Xeon	16GB	120 - 250 GB SATA or SCSI 7200 RPM min or Solid-State drive
	Workstation	Intel Core i5 or i7***		
	Communication Server	6 Core, 3.0 GHz CPU		
> 100 Readers 50,000 Cards	Server	Intel Quad Core Xeon	32GB	500GB - 1TB SATA or SCSI 15k RPM or Solid State drive preferred
	Workstation	Intel Core i7***	16GB	
	Communication Server	8 Core, 3.20 GHz CPU		
Monitor Display: Minimum Resolution: 1024 x 768				
<p>*Recommended to have 3 times the amount of hard drive space compared to the size of the WIN-PAK Database.</p> <p>**Allocate more according to the load on the system.</p> <p>***For maximum performance for Video integration applications, workstation must have Intel Core i7 8700 (Coffee Lake) processor (not applicable for WIN-PAK GX/XE).</p>				



Software Requirements for WIN-PAK 4.9

Components	Minimum	Recommended	Maximum/Performance
Operating Systems with latest Service Pack (64 Bit and English Only)	Windows 10 Professional Windows Server 2016 Windows Server 2019	Windows 10 Professional (standalone system or Workstations) Windows Server 2016 R2 Standard when additional workstations and or communication servers are added.	Windows Server 2019
(SQL) Database Engine	SQL 2019 Express (64 Bit Only)	SQL 2019 Standard (64 bit only) with processor license recommended	SQL 2019 Standard (64 bit) with processor license recommended

WIN-PAK Translated Languages Supported:	Browsers Supported:	VMWare Supported:
Arabic, Chinese, Czech, Dutch, English, French, Italian, Polish, Portuguese, Russian and Spanish	Edge™, Chrome™, Safari®, FireFox®	ESXi 6.5

Supported Database Upgrades

WIN-PAK 4.9 will support database upgrades from the 4.8 Series or higher. WIN-PAK 4.7 or lower requires the database be converted by the Honeywell professional services team.

Part Number	Description
CPSSRVDB	WIN-PAK database upgrade 7–10-day lead time
CPSSRVDB2DAY	WIN-PAK database upgrade 2-day lead time
CPSSRVDB1DAY	WIN-PAK database upgrade 1 day lead time

Communication Server Requirements

The recommended specifications for the communication server define the maximum specification option.

Note: The Communication Server will support over 50 IP Panel connection or 100 Readers as long as the maximum number of 3,000 events (Card & Alarm) per hour is not exceeded.

Definition	Maximum Per Communication Server
Number of IP or Direct Panel Connections	50 panels
Number of Readers per Communication Server	100 readers
Galaxy panel type events and zones count	1680 zones
Maximum number of transactions (Incorporates all transaction event types in addition to programming updates).	3000 transactions per hour