

## CA3000 v2.7.x Server/Host PC Recommendations

	Server (1-4 Workstations)	Server (5-19 Workstations)	Server (20-49 Workstations)
<b>Processor</b>	Pentium Dual Core, 2.6GHz	Xeon Quad Core 2.0GHz (min)	2 x Xeon Quad Core 2.0GHz
<b>Ram</b>	2.0 GB Min	4.0 GB Min	8 GB Min
<b>Hard Drive</b>	250 GB	500 GB	Raid 5 - 3 drives minimum
<b>USB Ports</b>	2 Min	2 Min	2 Min
<b>Serial Ports</b>	Optional - 1 expandable to 64	Optional - 1 expandable to 128	Optional - 1 expandable to 128
<b>Parallel Ports</b>	1	1	1
<b>Mouse</b>	PS2 or USB	PS2 or USB	PS2 or USB
<b>Monitor</b>	17" SVGA (1024x768)	17" min	17" min
<b>CD/DVDROM</b>	48x/16x	48x/16x	48x/16x
<b>CDRW/DVDR</b>	24x/8x	24x/8x	24x/8x
<b>Sound</b>	Optional but Stand-Alone	Optional	Optional
<b>Network Card</b>	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet
<b>Operating System</b>	Win XP Pro w/SP3, Win 7 Pro 32 bit, Win 2003 32 bit, or Win 2008 32 bit. Note: 64 bit computers are not supported.	Win XP Pro w/SP3, Win 7 Pro 32 bit . Win 2003 32 bit, or Win 2008 32 bit. Note: 64 bit computers are not supported.	Win 2003 32 bit or Win 2008 32 bit . Note: 64 bit computers are not supported.
<b>Database</b>	MSSQL 2005 Express or MSSQL Server 2005 for higher performance	MSSQL Server 2005 recommended	MSSQL Server 2005
<b>Backup</b>	Tape / CD / DVD / Network	Tape / CD / DVD / Network	Tape / CD / DVD / Network
<b>System Size</b>	This is the recommended PC server specification for a system with up to four workstations. It can be used for a stand-alone system, a workstation or a CA3000 Server. For high transaction environments some specifications may change.	This is the recommended PC specification for a CA3000 Server supporting up to nineteen workstations. For high transaction environments some specifications may change.	This is the recommended PC specification for a CA3000 Server supporting up to nineteen workstations. For high transaction environments some specifications may change. For larger systems please consult with Continental Access.
<b>Notes:</b>	(1) If using SQLExpress, the database size should not exceed 4GB. (2) Disk drive usage is dependent on the number of transactions kept in backup. (3) Additional RAM will improve performance (4) It is best to perform badging and other integration functions on a workstation, not the server.		

**\*\*\* Other than a small Stand-Alone system, Continental Access does not recommend running Photo-badging, DVR/NVR Integration, Napco Integration, Scripting, or Dynamic Maps from a Host machine. Please refer to our Workstation Recommendation below for these specifications. \*\*\***



## CA3000 v2.7 Workstation PC Recommendations

	Workstation-Event Viewing Only	Workstation-Event Viewing + any one Integration feature (Badging, DVR/NVR, Napco, Scripting, or Dynamic Maps)	Workstation-Event Viewing + any two Integration features (Badging, DVR/NVR, Napco, Scripting, or Dynamic Maps)
<b>Processor</b>	Pentium Core2 Duo, 2.2GHz min	Pentium Core2 Duo, 2.6MHz min	Dual Pentium Core2 Duo, Pentium Quad Core or Pentium
<b>Ram</b>	1 GB Min	2 GB Min	3 GB Min
<b>Hard Drive</b>	80 GB min	160 GB min	250 GB min
<b>USB Ports</b>	2	4	4
<b>Serial Ports</b>	N/A	N/A	N/A
<b>Parallel Ports</b>	1	1	1
<b>Mouse</b>	PS2 or USB	PS2 or USB	PS2 or USB
<b>Monitor</b>	17" (1024 x 768) min	17" (1024 x 768) min	17" (1024 x 768) min
<b>CD/DVDROM</b>	48x/16x	48x/16x	48x/16x
<b>CDRW/DVDR</b>	24x/4x Optional	24x/4x Optional	24x/4x Optional
<b>Sound</b>	Recommended	Recommended	Recommended
<b>Network Card</b>	100 NIC Ethernet minimum	100/1000 NIC Ethernet	100/1000 NIC Ethernet
<b>Operating System</b>	Win XP Pro w/SP3, Win 2003 32 bit. Win 7 Pro 32 bit. Note: 64 bit computers are not supported.	Win XP Pro w/SP3, Win 7 Pro 32 bit, Win 2003 32 bit, or Win 2008 32 bit. Note: 64 bit computers are not supported.	Win XP Pro w/SP3, Win 7 Pro 32 bit, Win 2003 32 bit, or Win 2008 32 bit. Note: 64 bit computers are not supported.
<b>Database</b>	N/A	N/A	N/A
<b>Backup</b>	N/A	N/A	N/A
<b>Notes:</b>	For large corporations, hospitals or colleges, a frame video capture card and high-end digital camera is recommended on a badging station. Depending on the amount of photo's needed to be taken per-day on a Badging station; or for other functions the number of DVRs/NVRs or Napco Panels Integrated; or the number of Scripts or Dynamic Maps running additional RAM may be required.		

## CA3000 V2.7.X Firmware Specifications

### Microterm (1 door) :

EPROM Version: 21.04.44 or higher.

### Miniterm (2 door):

EPROM Version: 1.02.29 or higher.

### Smarterm (4 door):

EPROM Version 5.43.40 or higher.

**NOTE: The Smarterm, Miniterm and Microterm are legacy panels and do not support the "Advanced Features" of the CA3000 V2.x software.**

### Superterm (4door /8 door):

EPROM Version: 1.03.31 or higher for Repeat mode only (Advanced Features are only supported using V 2.00.11 firmware)

EPROM Version: 2.00.11 for Repeat and/or Multi-drop mode

**IMPORTANT NOTE:** Older Superterms may not be equipped with enough internal RAM (256k min) to support the newer versions of firmware. You need to verify your communications driver displays a 96 or greater. If it displays a 0, you must upgrade your RAM (U61).

### Turbo Superterm (4 door/8 door)

EPROM Version: 1.04.09 or higher for Repeat mode only (Advanced Features are only supported using V 2.00.11 firmware).

EPROM Version: 2.00.11 or higher for Repeat and/ or Multi-drop mode.

### Super-Two (2 Door)

EPROM Version 2.00.11.

**NOTE:** If you currently have a 2.00.08 version Eprom installed in a Superterm, Turbo Superterm or Supertwo, it should be upgraded to a 2.00.11.