



CA3000 V2.9.x Server/Host PC Recommendations REV A

	Server (1-4 Workstations)	Server (5-19 Workstations)	Server (20-49 Workstations)
Processor	Pentium Dual Core, 2.6GHz (min)	Xeon Quad Core 2.0GHz (min)	2 x Xeon Quad Core 2.0GHz (min)
Ram	2.0 GB Min/ 3GB+ for Win7 and Win Server 2008 R2	4.0 GB Min	8 GB Min
Hard Drive	300 GB	500 GB	Raid 5 - 3 drives minimum
USB Ports	4 Min	4 Min	4 Min
Serial Ports	Optional - 1 expandable to 64	Optional - 1 expandable to 128	Optional - 1 expandable to 128
Parallel Ports	Optional - 1	Optional - 1	Optional - 1
Mouse	PS2 or USB	PS2 or USB	PS2 or USB
Monitor	17" SVGA (1024x768)	17" SVGA (1024x768)	17" SVGA (1024x768)
DVDROM	48x/16x	48x/16x	48x/16x
DVDR	24x/8x	24x/8x	24x/8x
Sound	Optional but Stand-Alone	Optional	Optional
Network Card	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet	100/1000 Mb NIC Ethernet
Operating System	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2
Database	MSSQL 2005/2008 R2 Express or MSSQL Server 2005/2008 R2 for higher performance	MSSQL Server 2005/2008 R2 recommended	MSSQL Server 2005/2008 R2 recommended
Backup	Tape / CD / DVD / Network	Tape / CD / DVD / Network	Tape / CD / DVD / Network
System Size	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 forty nine workstations. For high transaction environments some specifications may change. For larger systems please consult with Continental Access.
Notes:	(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.		

*** Salient Analog Capture cards are not supported on 64 bit operating systems. 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 V2.9.x 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)
Processor	Pentium Core2 Duo, 2.2GHz min	Pentium Core2 Duo, 2.6MHz min	Dual Pentium Core2 Duo, Pentium Quad Core or Pentium
Ram	2 GB Min	3 GB + Min	3 GB +
Hard Drive	80 GB min	160 GB min	250 GB min
USB Ports	2	4	4
Serial Ports	N/A	N/A	N/A
Parallel Ports	1	1	1
Mouse	PS2 or USB	PS2 or USB	PS2 or USB
Monitor	17" (1024 x 768) min	17" (1024 x 768) min	17" (1024 x 768) min
DVDROM	48x/16x	48x/16x	48x/16x
DVDR	24x/4x Optional	24x/4x Optional	24x/4x Optional
Sound	Recommended	Recommended	Recommended
Network Card	100 NIC Ethernet minimum	100/1000 NIC Ethernet	100/1000 NIC Ethernet
Operating System	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2	Win XP Pro w/SP3, Win 7 Pro w/ SP1 32/64 bit, Win 2003 Server R2 w/SP2 32/64 bit or Win 2008 Server R2 w/SP2
Database	N/A	N/A	N/A
Backup	N/A	N/A	N/A
Notes:	<p>*** Salient Analog Capture cards are not supported on 64 bit operating systems.</p> <p>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.</p>		

CA3000 V2.9.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.