

CA3000 V2.6.19 and V2.6.19B Server/Host PC Recommendations

	Server (1-5 Workstations)	Server (6-20 Workstations)	Server (21-50 Workstations)
Processor	Pentium Core2 Duo, 1066MHz, 2.13GHz	Pentium Core2 Duo 2.4GHz or Xeon, Dual Core 1.6GHz	2 x Xeon, Dual Core, 1066MHz, 1.6GHz
Ram	1.0 GB DDR2	1.5 GB Min (2 GB Recommended)	2GB Min (4GB Recommended)
Hard Drive	160 GB	250 GB	Raid 5 - 3 drives minimum
USB Ports	2 Min	2 Min	2 Min
Serial Ports	Optional - 1 expandable to 64	Optional - 1 expandable to 128	Optional - 1 expandable to 128
Parallel Ports	1	1	1
Mouse	2 Button PS2 / USB	2 Button PS2 / USB	2 Button PS2 / USB
Monitor	17" SVGA (1024x768)	17" Flat Panel	17" Flat Panel
CD/DVDROM	48x/16x	48x/16x	48x/16x
CDRW/DVDR	24x/8x	24x/8x	24x/8x
Sound	Optional	Optional	Optional
Network Card	10/100 Mb NIC Ethernet	10/100/1000 Mb NIC Ethernet	10/100/1000 Mb NIC Ethernet
Operating System	Win XP Pro w/SP2 or Win 2003	Win XP Pro w/SP2 or Win 2003	Win XP Pro w/SP2 or Win 2003
Database	MSSQL 2005 Express or MSSQL Server 2005 for higher Performance	MSSQL Server 2005 recommended	MSSQL Server 2005
Backup	Tape / CD / DVD / Network	Tape / CD / DVD / Network	Tape / CD / DVD / Network
System Size	This is the recommended PC server specification for CA3000-1 through CA3000 - 5. 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 CA3000-10 through CA3000-20 with 6-20 workstations. For high transaction environments some specifications may change.	This is the recommended PC specification for CA3000-25 through CA3000-50. For high transaction environments some specifications may change. For larger systems consult the factory.
Notes:	(1) If using MSDE, the database size cannot exceed 2GB (2) Disk drive size dependent on number of transactions kept in backup (3) Additional RAM will improve performance (4) Best to perform badging and other functions on a workstation (5) 100Mb min switched network recommended	(1) Disk drive size dependent on number of transactions kept in backup (2) Additional RAM will improve performance (3) Best to perform badging function on a workstation (4) 100 Mb min switched network recommended	(1) Disk drive size dependent on number of transactions kept in backup (2) Additional RAM will improve performance (3) Best to perform badging function on a workstation (4) 1000 MB min switched network recommended

***Note: Continental Access does not recommend running Photo-badging, the DVR interface, Napco Integration or Scripting from a Host machine. Please refer to our Workstation Recommendation sheet for these specifications. Virtual machines along with 64 bit computers are not supported.



CA3000 Workstation PC Recommendations

	Workstation-Event Viewing Only	Workstation-Event Viewing+Badging	Workstation-Event Viewing+DVR and/or Napco Integration, Scripting or Dynamic Maps
Processor	Pentium Core2 Duo, 1066MHz, 2.2GHz	Pentium Core2 Duo, 1066MHz, 2.2GHz	Pentium Core2 Duo, 1066MHz, 2.2GHz
Ram	256 MB	512 MB	1GB
Hard Drive	80GB	80GB	160GB
USB Ports	1	2	2
Serial Ports	N/A	N/A	N/A
Parallel Ports	1	1	1
Mouse	2 Button PS2 / USB	2 Button PS2 / USB	2 Button PS2 / USB
Monitor	17" Flat Panel	17" Flat Panel	17" Flat Panel
CD/DVDROM	48x/16x	48x/16x	48x/16x
CDRW/DVDR	24x/4x Optional	24x/4x Optional	24x/4x Optional
Sound	Optional	Optional	Optional
Network Card	100 NIC Ethernet	100 NIC Ethernet	100 NIC Ethernet
Operating System	Win XP Pro w/SP2 or Win 2003	Win XP Pro w/SP2 or Win 2003	Win XP Pro w/SP2 or Win 2003
Database	N/A	N/A	N/A
Backup	N/A	N/A	N/A
Notes:		For large corporations and/or Colleges, a frame grabber capture card and high-end digital video camera is recommended on this badging station. Depending on the amount of photo's needed to be taken per-day, additional RAM may be required.	Depending on the number of DVR's being accessed, additional RAM and/or processor upgrade may be required.

NOTE: Virtual machines along with 64 bit computers are not supported.

CA3000 V2.6.19 and V2.6.19B 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

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.

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.