This topic supplies specifications for Dell PCs that Aerotech approves for A3200 installation. If you are using one of the Aerotech-approved Dell PCs, use the BIOS settings in this topic. Do not use the BIOS settings supplied for PCs that are not approved by Aerotech.

Form Factors

Chassis	Manufacturer Product Number
Desktop	Precision 5810, BIOS Version A12
	Precision 5810, BIOS Version A16

Dell PC Configurations Tested at Aerotech

BIOS Version 12

- Dell motherboard
- BIOS Version 12
- E5-1620 CPU
- 500 GB SATA hard drive
- 16 GB RAM
- Windows 7 Pro, 64-bit
- Nvidia NVS 310 graphics in "Standard VGA" mode
- 350 Watt power supply

BIOS Version 16

- Dell motherboard
- BIOS Version 16
- E5-1603 V3 CPU
- 500 GB SATA hard drive
- 16 GB RAM
- Windows 7 Pro, 64-bit
- Nvidia NVS 310 graphics in "Standard VGA" mode
- 350 Watt power supply

BIOS Settings

Change the BIOS settings of your Dell PC to be the same as the values in the **Required Setting** column in the table that follows.

BIOS Version 12

Name	Required Setting
Trusted Computing	TPM Disabled

BIOS Version 16

Name	Required Setting
Audio	Disabled
TPM Security	Disabled
TPM	Off
Speed Step	Disabled
C-States	Disabled
Deep Sleep	Disabled
Block Sleep	S3
ASPM	Disabled

Windows Settings

To see the Windows settings that you must change, refer to the **User Guide for Optimizing Performance** on the website or the **Optimizing A3200 Performance** topic of the help file.