

# Configuring the HP DL165 G5 Server

## Server configuration

For the Active Club installation, some of the server's BIOS configuration settings must be changed from the defaults. To enter the BIOS configuration program, turn on the server power and press F10 when prompted. The following settings are required:

### CPU:

Secure Virtual Machine Mode	Enabled	(default: Disabled)
Power Now	Enabled	(default setting)
Memory Channel Mode	Independent	(default setting)

### S-ATA:

S-ATA Mode	PATA	(default: SATA)
INT 13 Support	Enabled	(default setting)
NCQ Mode	Enabled	(default setting)
Write Back Cache Mode	Disabled	(default setting)

### Boot:

First Boot Device	DVD/CD
Second Boot Device	IDE: 0: WDC 500 or WDC I000
Third Boot Device	Network: IBA
Four Boot Device	Disabled

## Restarting the server

Rarely, in the event that the server loses power, the configuration settings may be lost and return to the defaults when it is restarted. This is likely if the CMOS backup battery on the motherboard has failed. If this occurs, notify Active Club Solutions technical support ([support@activeclubsolutions.com](mailto:support@activeclubsolutions.com); 877-441-2582).

The first signal of this failure is that the system date and time are reset to the base value (e.g., "1/1/2000"). When restarting the server, confirm first that the date and time are current and correct.

# Startup errors

Other problems that may appear on restarting, and steps to correct them:

**Server will not boot; displays a blue screen or requests a controller driver**

Ensure that *S-ATA Mode* has been changed to "PATA."

**Server will not boot: reports a memory error**

Ensure that *Memory Channel Mode* is set to "Independent."

**Virtual servers will not boot**

Ensure that *Secure Virtual Machine* mode is set to "Enabled."