

AT bus: 00h Device I0h IRQ 09 I/O address 6300h
 Reset defaults with <F6>

Configuration

SCSI bus interface definitions

Host adapter SCSI ID 7
 SCSI parity checking Enabled
 Host adapter termination Automatic

Additional options

Boot device SCSI id 0
 LUN No 0

SCSI device configuration

ID	#0	#3	#4	others
Initiate sync negotiation	All yes	All yes	All yes	All yes
Maximum transfer rate	20	5	10	20
Enable disconnection	All yes	All yes	All yes	All yes
Send start unit command	All no	All no	All no	All no
BIOS multiple LUN support	All no	All no	All no	All no
Include in BIOS scan	All yes	All yes	All yes	All yes

Advanced configuration options

Plug and play	Disabled
Reset SCSI	Enabled
Extended BIOS > 1GB	Enabled
Host adapter bios	Enabled
Removable disks	Disabled
Display CTRL A	Enabled
BIOS for CDROM	Disabled
BIOS for INT 13h	Enabled

Preparing a 9 gigabyte IBM hard drive

8GB

FDISK

- 1 To create DOS partition
- 1 to create primary DOS partition
- N to make it less than 100%
- 2000 Size of primary DOS partition c:
- ESC
- 2 to set partition active
- 1 partition number to be set active
- ESC
- 1 to create dos partition or logical DOS drive
- 2 to create an extended DOS partition
- (full) size for the extended partition
- ESC
- 2000 size of logical drive d:
- 2000 size of logical drive e:
- 2000 size of logical drive f:
- ESC
- ESC
- ESC

FORMAT

- A> format c:/s/v
- Y
- A> format d:/v
- Y
- A> format e:/v
- Y
- A> format f:/v
- Y

MB 10/99

TECH FILE
MASTER

Configuring the Adaptec 2940UW SCSI BIOS (Updated 7/21/99)

SCSI Select™ Utility v2.20.0

Start by setting the card to its default values¹ Next change setting to the following settings.

Note: SCSI ID#0 is for the Hard drive
SCSI ID#3 is for the DAT drive
SCSI ID#4 is for the JAZ drive

SCSI Bus Interface Definitions

Host Adapter SCSI ID : 7
SCSI Parity Checking : Enabled
Host Adapter SCSI Termination : Automatic

Additional Options²

Boot Device Options

Boot SCSI ID : 0
Boot LUN Number : 0

SCSI Device Configuration

	ID#0	ID#3	ID#4
Sync Transfer Rate	20.0	5.0	10.0 ³
Initiate Wide Negotiation	No	No	No
Enable Disconnect	Yes	Yes	Yes
Send Start Unit Command	No	No	No
Enable Write Back Cache	N/C	N/C	N/C
BIOS Multiple Lun Support	No	No	No
Include BIOS Scan	Yes	Yes	Yes

Advanced Configuration Option

Plug and Play SCAM Support : Disabled
Rest SCSI Bus at IC initialization : Enabled
Display <Ctrl><A> Message During BIOS Initialization : Enabled
Extend BIOS translation for DOS Drives > 1Gbyte : Enabled
Verbose / Silent Mode : Verbose
Host Adapter BIOS (Configuration Utility Reserve BIOS Space) : Enabled
Support Removable Disk Under BIOS as fixed Disk : Disabled
BIOS Support for Bootable CD-ROM : Disabled
BIOS Support for Init13 Extensions : Enabled

¹ Press F6 to reset the card to its host Adaptec defaults values.

² For SCSI Device ID #0. If you have more than one hard drive change configuration to match the hard drive's specifications.

³ This is the original setting for the 1G JAZ drive. For the newer 2G JAZ drive this setting should be set for 20.0. Please note that using a 2G JAZ with a setting of 10.0 does not appear to have any affect on the transfer time.

Configuring the Adaptec 2940UW Pro SCSI BIOS (Updated 7/21/99)

SCSI Select™ Utility v2.11.0

Start by setting the card to its default values¹. Next change setting to the following settings.

Note: SCSI ID#0 is for the Hard drive
 SCSI ID#3 is for the DAT drive
 SCSI ID#4 is for the JAZ drive

SCSI Bus Interface Definitions

Host Adapter SCSI ID : 7
 SCSI Parity Checking : Enabled
 Host Adapter SCSI Termination : Automatic
 Narrow Connector : Automatic
 Wide Connector : Automatic

Additional Options²

Boot Device Options

Boot SCSI ID : 0
 Boot LUN Number : 0

SCSI Device Configuration

	ID#0	ID#3	ID#4
Sync Transfer Rate (MB/Sec)	20.0	5.0	10.0 ³
Initiate Wide Negotiation	No	No	No
Enable Disconnect	Yes	Yes	Yes
Send Start Unit Command	No	No	No
Enable Write Back Cache	N/C	N/C	N/C
BIOS Multiple Lun Support	No	No	No
Include BIOS Scan	Yes	Yes	Yes

Advanced Configuration Option

Rest SCSI Bus at IC initialization : Enabled
 Display <Ctrl><A> Message During BIOS Initialization : Enabled
 Extend BIOS translation for DOS Drives > 1Gbyte : Enabled
 Verbose / Silent Mode : Verbose
 Host Adapter BIOS : Enabled
 Support Removable Disk Under BIOS as fixed Disk : Disabled
 BIOS Support for Bootable CD-ROM : Disabled
 BIOS Support for Init13 Extensions : Enabled

¹ Press F6 to reset the card to its host Adaptec defaults values.

² For SCSI Device ID #0. If you have more than one hard drive change configuration to match the hard drive's specifications.

³ This is the original setting for the 1G JAZ drive. For the newer 2G JAZ drive this setting should be set for 20.0. Please note that using a 2G JAZ with a setting of 10.0 does not appear to have any affect on the transfer time.

1504 FIN
MASTER

Configuring the Adaptec 2940UW SCSI BIOS (Updated 7/21/99)

SCSI Select™ Utility v1.34.3

Start by setting the card to its default values¹ Next, change the following settings.

Note: SCSI ID#0 is for the Hard drive
SCSI ID#3 is for the DAT drive
SCSI ID#4 is for the JAZ drive

SCSI Bus Interface Definitions

Host Adapter SCSI ID : 7
SCSI Parity Checking : Enabled
Host Adapter SCSI Termination : Automatic

Additional Options²

Boot Device Options

Boot SCSI ID : 0
Boot LUN Number : 0

SCSI Device Configuration

	ID#0	ID#3	ID#4
Initiate Sync Negotiation	Yes	Yes	Yes
Maximum Sync Transfer Rate	20.0	5.0	10.0 ³
Enable Disconnect	Yes	Yes	Yes
Initiate Wide Negotiation	No	No	No
Send Start Unit Command	No	No	No
BIOS Multiple Lun Support	No	No	No
Include BIOS Scan	Yes	Yes	Yes

Advanced Configuration Option

Plug and Play SCAM Support : Disabled
Rest SCSI Bus at IC initialization : Enabled
Extend BIOS translation for DOS Drives > 1Gbyte : Enabled
Host Adapter BIOS (Configuration Utility Reserve BIOS Space) : Enabled
Support Removable Disk Under BIOS as fixed Disk : Disabled
Display <Ctrl><A> Message During BIOS Initialization : Enabled
BIOS Support for Bootable CD-ROM : Disabled
BIOS Support for Init13 Extensions : Enabled

¹ Press F6 to reset the card to its host Adaptec defaults values.

² For SCSI Device ID #0. If you have more than one hard drive change configuration to match the hard drive's specifications.

³ This is the original setting for the 1G JAZ drive. For the newer 2G JAZ drive this setting should be set for 20.0. Please note that using a 2G JAZ with a setting of 10.0 does not appear to have any affect on the transfer time.

Configuring the Adaptec 2940UW SCSI BIOS (Updated 9/30/98)

SCSI Select™ Utility v1.32 ; v 1.3 4-3

Start by setting the card to its default values¹ **F6**

Next change setting to following settings.

Note: SCSI ID#0 is for the Hard drive
SCSI ID#3 is for the DAT drive
SCSI ID#4 is for the JAZ drive

SCSI Bus Interface Definitions

Host Adapter SCSI ID : 7
SCSI Parity Checking : Enabled
Host Adapter SCSI Termination : Automatic

Additional Options²

Boot Device Options

Boot SCSI ID : 0
Boot LUN Number : 0

SCSI Device Configuration

Initiate Sync Negotiation	Yes	Yes	Yes
Maximum Sync Transfer Rate	20.0	5.0	10.0
Enable Disconnect	Yes	Yes	Yes
Initiate Wide Negotiation	No	No	No
Send Start Unit Command	No	No	No
BIOS Multiple Lun Support	No	No	No
Include BIOS Scan	Yes	Yes	Yes

(Yes to all)

(Yes to all)

FIRST

Advanced Configuration Option

Plug and Play SCAM Support : Disabled
Rest SCSI Bus at IC initialization : Enabled
Extend BIOS translation for DOS Drives > 1Gbyte : Enabled
Host Adapter BIOS (Configuration Utility Reserve BIOS Space) : Enabled
Support Removable Disk Under BIOS as fixed Disk : Disabled
Display <Ctrl><A> Message During BIOS Initialization : Enabled
BIOS Support for Bootable CD-ROM : Disabled
BIOS Support for Init13 Extensions : Enabled

¹ Press F6 to reset the card to its host Adaptec defaults values.

² For SCSI Device ID #0. If you have more than one hard drive change configuration to match the hard drive's specifications.