

# Toshiba MAGNIA™ 510D

## Read-Me-First Addendum

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Thank you for purchasing the Toshiba MAGNIA 510D. This document explains the precautions for using your MAGNIA 510D. To ensure the best performance, please read this document carefully before configuring the server.

Keep the document handy for future reference.

**For the latest information and updates, please visit:**  
**[www.toshiba-tro.de](http://www.toshiba-tro.de)**

### **When using Windows NT Server 4.0**

**(1) Be sure to connect a mouse to the server.**

If you use the server without a mouse, the keyboard may become inoperative.

**(2) Installing Windows NT Server 4.0 to the server whose memory capacity exceeds 1,7MB**

When the memory capacity exceeds 1,7MB, Windows NT Server 4.0 cannot be installed because of the limitations of Windows NT Server 4.0. In this case, use the following procedure to install Windows NT Server 4.0.

1) If the server is in operation, shut it down, switch off the power, and unplug the power cable.

2) Remove memory modules as needed to observe the 1,7 MB limit.

3) Install Windows NT Server 4.0 and Windows NT 4.0 Service Pack with the memory capacity at less than 1,7 MB.

4) After installing Windows NT server 4.0, please replace memory that is above than 1,7 MB.

For installing and removing the memory modules, refer to *MAGNIA User's Guide* (on the Documentation CD ROM), Chapter 2.

### **(3) Installing Windows NT Server 4.0 to the server with an MO device.**

Using an MO device with this server may prevent the correct installation of Windows NT Server 4.0. In this case, remove the MO device before installing Windows NT Server 4.0. As a precaution, replace the server's panels before switching it on. For installing and removing the MO device, refer to *MAGNIA User's Guide* (on the Documentation CD ROM), Chapter 2.

### **(4) Network adapter setup**

1) Check the connector panel on the Network adapter to see if the "530LTX" label is attached.

2) Enter the following settings in Network adapter's properties when the Network adapter has been installed from the floppy disk or when the Network adapter properties have been selected on the control panel network.

If the "530LTX" label is attached on the connector panel:

Connection Type: Auto-Negotiation  
Network Address: (Blank)

If the no label is attached on the connector panel:

Connection Type: Auto-Sense  
Network Address: (Blank)

## **When using Windows 2000 Server**

### **(1) Be sure to connect a mouse to the server.**

If you use the server without a mouse, the keyboard may become inoperative.

### **(2) Installing Windows 2000 Server to the server with an MO device.**

Using an MO device with this server may prevent the correct installation of Windows 2000 Server. In this case, remove the MO device before installing Windows 2000 Server. As a precaution, replace the server's panels before switching it on. For installing and removing the MO device, refer to *MAGNIA User's Guide (on the Documentation CD ROM)*, Chapter 2.

## When using NetWare 5.1

Follow the installation procedure described in the instruction manual to ensure that the installation is done properly.

## About expansion of optional RAID controller D

When you use Server Setup Tool to setup the server with RAID controller D (MR466), the [Detailed Setup] option may not setup right. To set RAID configuration details with Server Setup Tool, use the following procedure.

- (1) When the message [Press <Ctrl><M> to Run MegaRAID Configuration Utility] is displayed during the server boot, press [Ctrl]+[M]. After MegaRAID Configuration Utility is started, set RAID configuration in detail, and select [Logical Drive]-[Advanced Menu]-[Write Policy], set [WRTHRU] to the array that is installed on the OS. For operation procedures about MegaRAID Configuration Utility, refer to *MegaRAID User's manual*.
- (2) After setting RAID configuration details, insert the Server Setup Tool CD-ROM and the Startup Disk floppy disk in the CD-ROM drive and the floppy disk drive respectively, then restart the system to start the Server Setup Tool.

- (3) Open the Server Setup Tool [Main Menu], and click the [Setup] button to start setup wizard. When the [RAID Configuration screen] dialog box is displayed, check [Skip RAID Setup] check box, and continue the setup wizard. For setup wizard, refer to *Server Setup Tool User's guide*.
- (4) After setup, regarding the array that is installed on the OS, we recommend setting the logical drive's [Write Policy] setting to [WRBACK] using MegaRAID Configuration Utility or Power Console.

## **Tape Attached to the CPU Heat Sink**

Protective tape is attached to the heat sink to prevent it separating from the CPU during transit. This protective tape need not be removed under normal conditions. However, you must remove it when you remove the CPU or heat sink.

### **CAUTION**

Do not remove the tape immediately after turning off power, since the temperature of the CPU and surrounding parts are still high immediately after the power is turned off. When you reinstall the CPU or heat sink, there is no need to reattach the tape to the heat sink.

## **When attaching or removing the SCSI HDD/ SCSI devices**

When attaching the side covers, take care to prevent the cables from being nipped between the side cover and the server.

## **About expansion of optional SCSI Host Adapter SCI1105W/J, SCI1107A/W/J and SCI3900U**

An OS may not start depending on the connection. Perform the following setting for the SCSI host adapter not connected to an HDD starting OS.

- (1) In the BIOS screen of SCSI Host adapter during start of system, press[Ctrl] + [A] to enter the BIOS setting menu.
- (2) Select [Configure/View Host Adapter Setting] from the Options menu.
- (3) Select [Advanced Configuration Options] from the Additional Options menu.
- (4) Change the setting of [Host Adapter BIOS] of [Options Listed Below Have NO EFFECT if the BIOS is Disabled] from [Enabled] to [Disabled: scan bus].

## **About an accuracy of the Real-time-clock (RTC)**

The RTC has a certain error, and the error is increased cumulatively if it is remained. To avoid the harmful influence for the operation, adjust the clock periodically.

A clock adjustment is enabled with each OS and BIOS setup utility.  
For details of adjustment, refer to each manual.

## Components List

Unpack and check components.  
If anything is missing, contact your dealer immediately.  
Save the packaging materials for possible future use.

Components		Quantity
MAGNIA 510D		1
Media	Server Setup Tool (SST) CD-ROM (CD-ROM)	1
	Server Setup Tool (SST) Startup Disk (FD:1)	1
	LANDesk Server Manager (LDSM) (CD-ROM)	1
Documentation	MAGNIA 510D User's Guide (Documentation CD ROM)	1
	MAGNIA 510D Read-Me-First Addendum(This document)	1
	Server Setup Tool (SST) User's Guide (Documentation CD ROM)	1
	Software License Agreement	1
	Warranty Booklet	1
Other	Keyboard	1
	Mouse	1
	Power Cable	1
	Screw and rails	1set

## 733MHz P3 256K CPU Kit-LA / 866MHz P3 256K CPU Kit-LA / 1GHz P3 256K CPU Kit-L

### Read-Me-First

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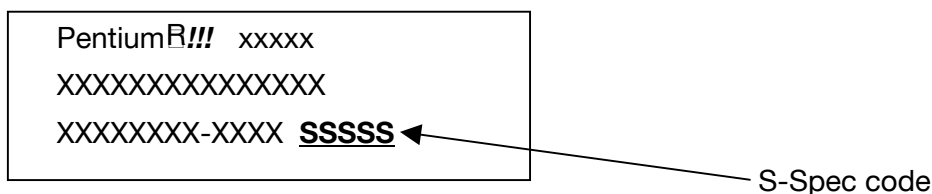
Please read the following sheet before you start using CPU Kit-LA on MAGNIA 510D.

#### 1. About the system BIOS of MAGNIA510D

Some CPU Kit-LA with maker S-Spec code cannot be used in MAGNIA 510D, which BIOS revision was before **F6TJ**.

In this case, you must update your BIOS to latest revision.

##### (A) Check your CPU Kit-LA's maker S-Spec code by mark of CPU.

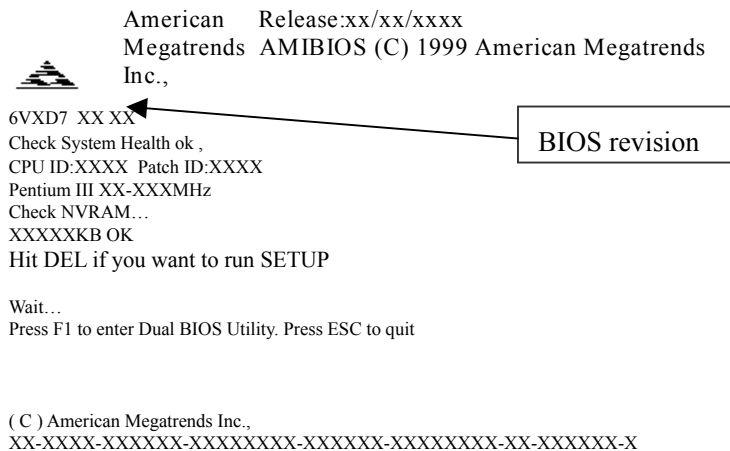


CPU Module	UPG3141W (733MHz)			UPG3142W (866MHz)		UPG3143W (1BGHz)	
	B0	C0	D0	C0	D0	C0	D0
Stepping	B0	C0	D0	C0	D0	C0	D0
S-Spec	SL3X Y	SL4 CG	SL4Z L	SL4 CB	SL4Z J	SL4 C8	SL52 R
BIOS F4TJ	Yes	Yes	No	Yes	No	Yes	No
BIOS F5TJ	Yes	Yes	No	Yes	No	Yes	No
BIOS F6TJ or later	Yes	Yes	Yes	Yes	Yes	Yes	Yes

“No” : It is necessary to update the BIOS to F6TJ or to a later version.

“Yes” : It is not necessary to update the BIOS.

## (B) Check System BIOS revision by POST messages.



American Megatrends Inc., Release:xx/xx/xxxx  
AMIBIOS (C) 1999 American Megatrends Inc.,

6VXD7 XX XX  
Check System Health ok ,  
CPU ID:XXXX Patch ID:XXXX  
Pentium III XX-XXXMHz  
Check NVRAM...  
XXXXXXKB OK  
Hit DEL if you want to run SETUP

Wait...  
Press F1 to enter Dual BIOS Utility. Press ESC to quit

( C ) American Megatrends Inc.,  
XX-XXXX-XXXXXX-XXXXXXXX-XXXXXX-XXXXXXXX-XX-XXXXXX-X

## (C) How to get the latest BIOS

For the latest information and updates, please visit:

**[www.toshiba-tro.de](http://www.toshiba-tro.de)**

## (D) Install the CPU Kit-LA

For detail, refer to your MAGNIA 510D User's Guide (on the Documentation CD).

## 2. In case of using Windows2000

If the CPUs in your multiprocessor system are not at the same Stepping levels, Windows 2000 writes the following message to the Event Log. The MAGNIA series with mixed Stepping levels can be used together without any problem, so you can disregard the message.

Event ID : 41

Message :

The CPUs in this multiprocessor system are not all the same revision level.

To use all processors the operating system restricts itself to the features of the least capable Processor in the system.

Should occur with this system, contact the manufacturer to see if this mix of processors is supported.

**[To view CPU Stepping levels on your computer]**

1. Click **“Start”**, point to **“Programs”**, point to **“Administrative”** Tools, and then click **“Computer Management”**.
2. Double-click the **“System Information”** folder, and then click the **“System Summary”** folder.

Check the Processor line to view the CPU Stepping levels.

B0 Stepping : x86 Family 6 Model 8 Stepping 3

C0 Stepping : x86 Family 6 Model 8 Stepping 6

D0 Stepping : x86 Family 6 Model 8 Stepping 10

**3. About the combination of D0-Stepping CPU and “LDSM6.1 with TOSHIBA Extension” in MAGNIA510D**

When combining D0-Stepping CPU and "LDSM6.1 with TOSHIBA Extension" in MAGNIA510D, it is necessary to install "LDSM6.1 with TOSHIBA Extension V6.2.1" or later.

## Contact Directory

The List of contacts may change and not be necessarily complete because of the continuous launch of server. For updates of the contact information please refer to:

**[http://www.csd.toshiba.com/cgi-bin/tais/support/ASP\\_Profile\\_Listing.jsp](http://www.csd.toshiba.com/cgi-bin/tais/support/ASP_Profile_Listing.jsp).**

Please also keep in mind that the warranty is only applicable to the country of first purchase.

E.g if a server is sold by a German authorised dealer, the warranty is only valid in Germany.

If you need service in another places than in the country of purchase please refer to your dealer for offers.

### Austria

Toshiba Europe GmbH

Handelskai 388

1020 Wien

Tel: 0800-220150

Fax: +43-1-72031002

Internet: <http://www.toshiba.at>

### Belgium

Toshiba Information Systems (Belgium) S.A.N.V.

Excelsiorlaan 40

B - 1930 Zaventem

Tel: +32-2-7158700

Fax: +32-2-7253030

Internet: <http://www.toshiba.be>

### Czech Republic

CHG SERVICE, s.r.o.

Vídenská 102

619 00 Brno

Tel: +420 5 4742 65-11 or -81

Fax: +420 5 4742 65-13 or -90

Internet: [www.chgservice.cz](http://www.chgservice.cz) or [www.toshiba-pc.cz](http://www.toshiba-pc.cz)

Denmark

Toshiba Digital Media

Naverland 27

DK-2600

Glostrup

Tel: +45-3823 7600

Fax: +45-3823 7601

Internet: <http://www.toshiba.dk>

Finland

Scribona TPC Oy / Toshiba Digital Media

Sinimäentie 8 A

PL 83 SF-02630

Espoo

Tel: +358-9 527 2555

Fax: +358-9 527 2500

Internet: <http://www.toshiba.se>

France

Toshiba Systemes (France) S.A.

7, Rue Ampere; B.P. 131

F - 92804

Puteaux Cedex

Tel: +33-1-4728-2929

Fax: +33-1-4728-2247

Internet: [www.toshiba.fr/pc](http://www.toshiba.fr/pc)

Germany

Toshiba Europe GmbH

Leibnizstrasse 2

93055 Regensburg

Tel: 0800-8737837

Fax: +49-(0)941-7807-925

BBS: +49-(0)941-7807-999

ISDN1: +49-(0)781

Internet: <http://www.toshiba.de>

#### Greece

IDEAL Electronics S.A.

190 Syngrou Ave.

176 71 Kalithea

Tel: +30 - 1 - 95.62.551-4

Fax: +30-1-95.79.094

#### Ireland

Toshiba Information Systems (U.K.) Limited (for Ireland)

Toshiba Court: Addlestone Road

KT15 2UL Weybridge, Surrey, UK

Tel: +44-(0)1932-828828

Fax: +44-(0)1932-822958

BBS: +44-(0)1932-825127

Internet: <http://www.toshiba.co.uk/computers/>

#### Italy

Tel etc: provided with purchase of server

#### Luxemburg

Toshiba Inf. Systems Benelux B.V. (for Luxemburg)

Rivium Boulevard 41

NL - 2909 LK

Capelle a/d IJssel

Tel: +31-10-2882-300

Fax: +31-10-2882-390

Internet: <http://www.toshiba.nl>

#### Malta

Tabone Computer Centre Limited

111 Old Railway Track

HMR-16 St Venera

Tel: +356-49 36 04

Fax: +356-49 36 03

Internet: <http://www.tabone.com.mt>

Netherlands

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Fax: +31-10-2882-390  
Internet: <http://www.toshiba.nl>

Norway

Scribona Norway AS  
Stålfjæra 20  
P.O.Box 51/Kalbakken  
N-0901 Oslo  
Tel: +47-22-897000  
Fax: +47-22-897389  
Internet: <http://www.toshiba.se>

Poland

AC Serwis Sp. z o. o.  
ul. Partyzantów 71  
43-316 Bielsko-Biala  
Tel: +48-33-81 30-2 05  
Fax: +48-33-81 30-2 09  
Internet: <http://www.acserwis.com.pl>

Romania

SCOP COMPUTERS SRL  
162 Barbu Vacarescu St  
Sector 2  
71424 Bucharest  
Tel: +40-1-2 31-46 02  
Fax: +40-1-2 31-46 06  
Internet: <http://www.scop.ro>

Spain

Toshiba Inf. Systems (Espana) S.A.  
Parque Empresarial San Fernando  
Edificio Europa, 1a Planta, Escalera A  
E - 28831 Madrid  
Tel: +34-91-6606-700  
Fax: +34-91-6606-760  
Internet: <http://www.toshiba.es>

Sweden

Scribona Sweden AB  
P.O.Box 1374  
Sundbybergsvägen 1  
S-17127 Solna  
Tel: +46-200-212100  
Fax: +46-8-7344656  
Internet: <http://www.toshiba.se>

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Fax: +44-(0)1932-822958  
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