

# **Hitachi 2.5 inch Hard Disk Drive 5K320**

**HTS5432xxL9SAxx / HTS5432xxL9A3xx**

## **Agency Approval Letters**

**C-UL / CE / TUV / DoC / MIC / C-Tick**

March 26, 2009

 **Hitachi Global Storage Technologies**



the standard in safety

Underwriters  
Laboratories

## NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

2007-12-09

Mr. Shinichi Yokoyama  
Hitachi Global Storage Technologies Japan Ltd  
C/O I-Tec Corp  
3-165-12 Sengencho  
Nishi-Ku  
Yokohama 220-0072 Japan

Fax number: 045-322-1089

E-mail: info@iteclab.co.jp

Reference: File E182115 Project 07NK26287 P.O. Number 0710551  
USR/CNR – Hard Disk Drive, Addition of new Models HUU5432nnL9A3nn and  
Products: HUU5432nnL9SAnn (E182115-A1), and transfer to new section (E182115-A3) of Models  
HEN4250nnF9ATnn and HEJ4250nnF9ATnn.

Dear Mr. Yokoyama,

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

UL's investigation of your product has been completed under the above project number and the subject product was determined to comply with the applicable requirements.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Recognized Marking and/or Recognized Component Mark only at the factory under UL's Follow-Up Service Program to the subject products, which are constructed as described below:

Similar to the subject models, which were submitted to UL for this investigation. The UL Records covering the product will be in the Follow-Up Services Procedure, File E182115, Volume X1.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this Notice and all attached material to each manufacturing location as currently authorized in File E182115, Volume X1.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Sincerely,

*Hiroiyuki Furuya*

Hiroiyuki Furuya  
Project Engineer

Reviewed by:

*Elicia M. Sosa*

Elicia M. Sosa  
Staff Engineer

Prepared by:

*Haruhiko Ishii*

Haruhiko Ishii  
Associate Project Engineer

UL Japan, Inc. Yokohama Office Technical Center  
Yokohama Business Park, 134 Godo-cho Hodogaya-ku, Yokohama-shi, Kanagawa 240-0005 Japan  
T: 81 45 342 1111 / F: 81 45 342 1600 / W: uljapan.co.jp

**HITACHI**  
Inspire the Next

© Hitachi Global Storage Technologies Japan, Ltd.  
1, Kirahara-cho, Fujisawa-shi  
Kanagawa, 252-8588, Japan  
URL: <http://www.hgst.com>

## EC DECLARATION OF CONFORMITY

|                         |                 |
|-------------------------|-----------------|
| for                     |                 |
| Hitachi HTS5432xxL9SAxx | Hard Disk Drive |
| Hitachi HTS5432xxL9A3xx | Hard Disk Drive |
| Hitachi HTE5432xxL9SAxx | Hard Disk Drive |
| Hitachi HTE5432xxL9A3xx | Hard Disk Drive |
| Hitachi HCC5432xxL9SAxx | Hard Disk Drive |
| Hitachi HCC5432xxL9A3xx | Hard Disk Drive |
| (xx : any numeral)      |                 |

We Hitachi Global Storage Technologies Japan, Ltd., declare under our sole responsibility that the above-named products, manufactured by :

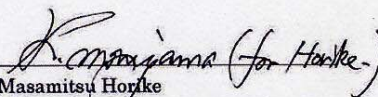
Hitachi Global Storage Technologies

to which this declaration relates, is in conformity with the requirements of Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

This Declaration of Conformity is based upon compliance of the product with the following harmonized standards :

EN 55022: 1998 / A1 : 2000 / A2 : 2003 (Class B)  
EN 55024: 1998 / A1 : 2001 / A2 : 2003  
EN 60950-1:2001+A11

Signed :

  
Masamitsu Horike  
General Manager, DT/M PMC, Fujisawa

Place of issue :

Hitachi Global Storage Technologies Japan, Ltd.  
1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken,  
252-8588 Japan

Date of issue :

Jan 25, 2008

## Zertifikat Certificate



Zertifikat Nr. Certificate No.  
R 50024840

Blatt Page  
0020

Ihr Zeichen Client Reference  
0710553

Unser Zeichen Our Reference  
ZJL-KES- 12004968 023

Ausstellungsdatum  
10.12.2007

Date of Issue  
(day/month/year)

### Genehmigungsinhaber License Holder

Hitachi Global Storage Technologies  
Japan, Ltd.  
Fujisawa Plant  
1 Kirihara-cho  
Fujisawa-shi, Kanagawa  
252-8588 JAPAN

### Fertigungsstätte Manufacturing Plant

Hitachi Global Storage Technologies  
Japan, Ltd.  
Fujisawa Plant  
1 Kirihara-cho  
Fujisawa-shi, Kanagawa  
252-8588 JAPAN

### Prüfzeichen Test Mark



Geprüft nach Tested acc. to  
EN 60950-1:2001+A11

Zertifiziertes Produkt (Geräteidentifikation)  
Certified Product (Product Identification)

Lizenzentgelte - Einheit  
License Fee - Unit

Plattenspeicher Hard Disk Drive

Addition

Type Designations : Huu5432nnL9SAmm  
Huu5432nnL9A3mm  
n = 0 - 9  
uu = TS, TE, CC

1  
1

Rated Current : 700mA

Remark : The labelling requirements acc. to EU Directive  
2001/95 have to be observed for distribution  
within the EEA.

2

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln  
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com  
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Dipl.-Ing. M. Geiser

|                                  |              |
|----------------------------------|--------------|
| 報驗義務人代碼<br>Code of the applicant | 編號<br>Number |
| D33373                           |              |



5

登録型號：合計56個

- |                      |                      |
|----------------------|----------------------|
| (1) HTS543232L9A300  | (8) HTS543232L9A302  |
| (2) HTS543225L9A300  | (9) HTS543225L9A302  |
| (3) HTS543220L9A300  | (10) HTS543220L9A302 |
| (4) HTS543216L9A300  | (11) HTS543216L9A302 |
| (5) HTS543212L9A300  | (12) HTS543212L9A302 |
| (6) HTS543280L9A300  | (13) HTS543280L9A302 |
| (7) HTS543260L9A300  | (14) HTS543260L9A302 |
| (15) HTE543232L9A300 | (22) HTS543232L9SA00 |
| (16) HTE543225L9A300 | (23) HTS543225L9SA00 |
| (17) HTE543220L9A300 | (24) HTS543220L9SA00 |
| (18) HTE543216L9A300 | (25) HTS543216L9SA00 |
| (19) HTE543212L9A300 | (26) HTS543212L9SA00 |
| (20) HTE543280L9A300 | (27) HTS543280L9SA00 |
| (21) HTE543260L9A300 | (28) HTS543260L9SA00 |
| (29) HTS543232L9SA01 | (36) HTS543232L9SA02 |
| (30) HTS543225L9SA01 | (37) HTS543225L9SA02 |
| (31) HTS543220L9SA01 | (38) HTS543220L9SA02 |
| (32) HTS543216L9SA01 | (39) HTS543216L9SA02 |
| (33) HTS543212L9SA01 | (40) HTS543212L9SA02 |
| (34) HTS543280L9SA01 | (41) HTS543280L9SA02 |
| (35) HTS543260L9SA01 | (42) HTS543260L9SA02 |
| (43) HTS543232L9SA03 | (50) HCC543232L9SA00 |
| (44) HTS543225L9SA03 | (51) HCC543225L9SA00 |
| (45) HTS543220L9SA03 | (52) HCC543220L9SA00 |
| (46) HTS543216L9SA03 | (53) HCC543216L9SA00 |
| (47) HTS543212L9SA03 | (54) HCC543212L9SA00 |
| (48) HTS543280L9SA03 | (55) HCC543280L9SA00 |
| (49) HTS543260L9SA03 | (56) HCC543260L9SA00 |

## 정보통신기기인증서

### Certificate of Information and Communication Equipment

인 증 의 종 류 : 전자파적합등록(EMC Registration)  
Certification Type

상 호 또 는 성 명 : HITACHI GLOBAL STORAGE TECHNOLOGIES JAPAN, LTD.  
Trade Name or Applicant

기 기 의 명 칭 : Hard Disk Drive  
Equipment Name

기 본 모 델 명 : HTS543232L9A302  
Basic Model Number of Equipment

파 생 모 델 명 : HTS543225L9A302, HTS543220L9A302, HTS543216L9A302, HTS543212L9A302, HTS543280L9A302, HTS543260L9A302, HTS543232L9A300, HTS543225L9A300, HTS543220L9A300, HTS543216L9A300, HTS543212L9A300, HTS543280L9A300, HTS543260L9A300  
Series Model Number of Equipment

인 증 번 호 : HTB-HTS543232L9A30 (B)  
Certification No

제 조 자 및 제 조 국 가 : Hitachi Global Storage Technologies Thailand, Ltd/태국  
Manufacturer and Country of Origin

인 증 연 월 일 : 2007년(Year) 11월(Month) 23일(Date)  
Date of Certification

기 타 :  
Others

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.

It is certified that foregoing equipment has been certificated under the provisions of the Regulations on Certification of Information and Communication Equipment.

2007년(Year) 12월(Month) 04일(Date)

전파연구소장 인

Director General of Radio Research Laboratory  
Ministry of Information and Communication Republic of Korea



## 정보통신기기인증서

### Certificate of Information and Communication Equipment

인 증 의 종 류 : 전자파적합등록 (EMC Registration)  
Certification Type

상 호 또 는 성 명 : HITACHI GLOBAL STORAGE TECHNOLOGIES JAPAN, LTD.  
Trade Name or Applicant

기 기 의 명 칭 : Hard Disk Drive  
Equipment Name

기 본 모 델 명 : HTS543232L9SA03  
Basic Model Number of Equipment

과 생 모 델 명 : HTS543225L9SA03, HTS543220L9SA03, HTS543216L9SA03, HTS543212L9SA03, HTS543280L9SA03, HTS543260L9SA03, HTS543232L9SA02, HTS543225L9SA02, HTS543220L9SA02, HTS543216L9SA02, HTS543212L9SA02, HTS543280L9SA02, HTS543260L9SA02, HTS543232L9SA01, HTS543225L9SA01, HTS543220L9SA01, HTS543216L9SA01, HTS543212L9SA01, HTS543280L9SA01, HTS543260L9SA01, HTS543232L9SA00, HTS543225L9SA00, HTS543220L9SA00, HTS543216L9SA00, HTS543212L9SA00, HTS543280L9SA00, HTS543260L9SA00  
Series Model Number of Equipment

인 증 번 호 : HTB-HTS543232L9SA0 (B)  
Certification No

제 조 자 및 제 조 국 가 : Hitachi Global Storage Technologies Thailand, Ltd/태국  
Manufacturer and Country of Origin

인 증 연 월 일 : 2007년 (Year) 11월 (Month) 23일 (Date)  
Date of Certification

기 타 :  
Others

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.

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2007년 (Year) 12월 (Month) 27일 (Date)

전파연구소장 인

Director General of Radio Research Laboratory  
Ministry of Information and Communication Republic of Korea



RF 3 (JUN '02)

## Supplier's declaration of conformity

For compliance levels 1,2 and 3 in Australia and Levels of Conformity 1,2 and 3 in New Zealand.  
As required by notices under section 182 of the Australian Radiocommunications Act 1992  
and section 134 of the New Zealand Radiocommunications Act 1989.



**Australian  
Communications  
Authority**



THIS COMPLETED FORM REMAINS WITH THE SUPPLIER  
AS PART OF THE DOCUMENTATION REQUIRED FOR THE COMPLIANCE RECORDS  
DO NOT RETURN TO THE ACA OR NZMED.

### Supplier details

Name (NAME OF MANUFACTURER OR IMPORTER)

NJM TECHNOLOGY SOLUTIONS  
PTY LTD

Address (ADDRESS OF MANUFACTURER OR IMPORTER)

43 FOREST LANE, MARKWOOD  
VICTORIA POSTCODE 3678

ACA / NZMED supplier code number

N13508

Australian company number (ACN), or

099 627 246

Australian registered body number (ARBN), or

Australian business number (ABN), or

57 099 627 246

New Zealand company number (NZCN), or

New Zealand GST number

### Product details

Product description—brand name, model, lot, batch or serial number (IF AVAILABLE)

HITACHI GLOBAL STORAGE TECHNOLOGIES TRAVELSTAR/CINEMASTAR 5K320 2.5 INCH 5400 RPM  
SATA 1.5GB INTERFACE HARD DISK DRIVE

|            |                 |                 |                 |
|------------|-----------------|-----------------|-----------------|
| MODEL Nos. | HTS543232L9SA00 | HTS543232L9SA02 | HCC543232L9SA00 |
|            | HTS543225L9SA00 | HTS543225L9SA02 | HCC543225L9SA00 |
|            | HTS543220L9SA00 | HTS543220L9SA02 | HCC543220L9SA00 |
|            | HTS543216L9SA00 | HTS543216L9SA02 | HCC543216L9SA00 |
|            | HTS543212L9SA00 | HTS543212L9SA02 | HCC543212L9SA00 |
|            | HTS543280L9SA00 | HTS543280L9SA02 | HCC543280L9SA00 |
|            | HTS543260L9SA00 | HTS543260L9SA02 | HCC543260L9SA00 |

### Applicable Standards details

Standard title, number, edition and if applicable the test report number

EN55022 : 1998/A1 :2000/A2 : 2003  
IEC CISPR22: 2003-04

EMC TEST REPORT NUMBER: KSI07X142 DATED NOVEMBER 12th 2007  
PREPARED BY TOKIN EMC ENGINEERING Co. Ltd.

### Declaration

I hereby declare that the product mentioned above complies with the  
above mentioned standards and all products supplied under this  
Declaration will be identical to the sample identified above.

Signature of supplier / agent

Date

3rd Jan 2008

NIGEL MATHESON

PRINT NAME

MANAGING DIRECTOR

POSITION IN ORGANISATION

## Supplier's declaration of conformity

For compliance levels 1,2 and 3 in Australia and Levels of Conformity 1,2 and 3 in New Zealand.  
As required by notices under section 182 of the Australian Radiocommunications Act 1992  
and section 134 of the New Zealand Radiocommunications Act 1989.



RF 3 (JUN '02)  
**Australian  
Communications  
Authority**



THIS COMPLETED FORM REMAINS WITH THE SUPPLIER  
AS PART OF THE DOCUMENTATION REQUIRED FOR THE COMPLIANCE RECORDS  
DO NOT RETURN TO THE ACA OR NZMED.

### Supplier details

Name (NAME OF MANUFACTURER OR IMPORTER)

NJM TECHNOLOGY SOLUTIONS

PTY LTD

Address (ADDRESS OF MANUFACTURER OR IMPORTER)

43 FOREST LANE, MARKWOOD

VICTORIA

POSTCODE 3678

ACA / NZMED supplier code number

N13508

Australian company number (ACN), or

099 627 246

Australian registered body number (ARBN), or

Australian business number (ABN), or

57 099 627 246

New Zealand company number (NZCN), or

New Zealand GST number

### Product details

Product description—brand name, model, lot, batch or serial number (IF AVAILABLE)

HITACHI GLOBAL STORAGE TECHNOLOGIES TRAVELSTAR 5K320 2.5 INCH 5400 RPM SATA 3.0GB  
INTERFACE HARD DISK DRIVE

|            |                 |                 |                 |
|------------|-----------------|-----------------|-----------------|
| MODEL Nos. | HTS543232L9A300 | HTS543232L9A302 | HTE543232L9A300 |
|            | HTS543225L9A300 | HTS543225L9A302 | HTE543225L9A300 |
|            | HTS543220L9A300 | HTS543220L9A302 | HTE543220L9A300 |
|            | HTS543216L9A300 | HTS543216L9A302 | HTE543216L9A300 |
|            | HTS543212L9A300 | HTS543212L9A302 | HTE543212L9A300 |
|            | HTS543280L9A300 | HTS543280L9A302 | HTE543280L9A300 |
|            | HTS543260L9A300 | HTS543260L9A302 | HTE543260L9A300 |

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Standard title, number, edition and if applicable the test report number

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I hereby declare that the product mentioned above complies with the  
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AS PART OF THE DOCUMENTATION REQUIRED FOR THE COMPLIANCE RECORDS  
DO NOT RETURN TO THE ACA OR NZMED.

### Supplier details

Name (NAME OF MANUFACTURER OR IMPORTER)

NJM TECHNOLOGY SOLUTIONS

PTY LTD

Address (ADDRESS OF MANUFACTURER OR IMPORTER)

43 FOREST LANE, MARKWOOD

VICTORIA

POSTCODE 3678

ACA / NZMED supplier code number

N13508

Australian company number (ACN), or

099 627 246

Australian registered body number (ARBN), or

Australian business number (ABN), or

57 099 627 246

New Zealand company number (NZCN), or

New Zealand GST number

### Product details

Product description—brand name, model, lot, batch or serial number (IF AVAILABLE)

HITACHI GLOBAL STORAGE TECHNOLOGIES TRAVELSTAR 5K320 2.5 INCH 5400 RPM SATA 1.5GB  
INTERFACE HARD DISK DRIVE WITH ENCRYPTION FUNCTION ENABLED

MODEL Nos. HTS543232L9SA01 HTS543232L9SA03  
HTS543225L9SA01 HTS543225L9SA03  
HTS543220L9SA01 HTS543220L9SA03  
HTS543216L9SA01 HTS543216L9SA03  
HTS543212L9SA01 HTS543212L9SA03  
HTS543280L9SA01 HTS543280L9SA03  
HTS543260L9SA01 HTS543260L9SA03

### Applicable Standards details

Standard title, number, edition and if applicable the test report number

EN55022 : 1998/A1 :2000/A2 : 2003  
IEC CISPR22: 2003-04

EMC TEST REPORT NUMBER: KSI07X143 DATED NOVEMBER 12th 2007  
PREPARED BY TOKIN EMC ENGINEERING Co. Ltd.

### Declaration

I hereby declare that the product mentioned above complies with the  
above mentioned standards and all products supplied under this  
Declaration will be identical to the sample identified above.

Signature of supplier / agent

Date

3rd Jan 2008

NIGEL MATHESON

PRINT NAME

MANAGING DIRECTOR

POSITION IN ORGANISATION