

Compatibility Guide



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Toshiba DT01ACA series

DT01ACA50 DT01ACA100 DT01ACA200 DT01ACA300

Hard Disk Drives 500MB, 1TB, 2TB, and 3TB*

3.5-Inch / 7,200 RPM / SATA

Exclusively for the distribution channel, Toshiba's Test Lab performs interoperability testing to ensure compatibility between Toshiba's storage products with third party partners' products such as host bus adaptors, controller cards, enclosures and systems.

Toshiba is involved in numerous standards committees and expects its storage products to work with other combinations of industry standard hardware and software that may not have been tested in the Test Lab. Please contact Toshiba [if you have](#) specific questions or request for testing.

Additional Test Lab Services

In addition to interoperability testing, the Test Lab can also offer the following:

- Assist in performing joint qualification testing of customer-unique requirements
- Perform problem duplication and resolution of related issues in complete systems
- Perform compatibility testing of new Toshiba products and new firmware releases

Systems

Toshiba DT01ACA series hard disk drives have been tested and are compatible with the following systems:

Accusys A12S2-JS	QNAP TS-410U	QNAP TS-569 Pro
Accusys A12S2-PS	QNAP TS-412	QNAP TS-639 Pro
Accusys ExaRAID HD A12D-PA	QNAP TS-412U	QNAP TS-659 Pro
Accusys ExaRAID HD A12S-PA	QNAP TS-419P	QNAP TS-659 Pro+
Accusys ExaRAID HD A16S-PA	QNAP TS-419P+	QNAP TS-659 Pro II
Accusys ExaRAID HD A24D-PA	QNAP TS-419P II	QNAP TS-669L
Accusys ExaRAID HD A24S-PA	QNAP TS-419U	QNAP TS-669 Pro
Accusys ExaSAN A08S-PS	QNAP TS-419U+	QNAP TS-809 Pro
QNAP TS-110	QNAP TS-419U II	QNAP TS-809U-RP
QNAP TS-112	QNAP TS-439 Pro	QNAP TS-859 Pro
QNAP TS-119	QNAP TS-439U-RP / SP	QNAP TS-859 Pro+
QNAP TS-119P+	QNAP TS-439 Pro II	QNAP TS-859U-RP
QNAP TS-119P	QNAP TS-439 Pro II+	QNAP TS-859U-RP+
QNAP TS-210	QNAP TS-459 Pro	QNAP TS-869L
QNAP TS-212	QNAP TS-459 Pro+	QNAP TS-869 Pro
QNAP TS-219	QNAP TS-459 Pro II	QNAP TS-869U-RP
QNAP TS-219P	QNAP TS-459U-RP/SP	QNAP TS-870U-RP
QNAP TS-219P+	QNAP TS-459U-RP+/SP+	QNAP TS-879 Pro
QNAP TS-219P II	QNAP TS-469L	QNAP TS-879U-RP
QNAP TS-239 Pro	QNAP TS-469 Pro	QNAP TS-1079 Pro
QNAP TS-239 Pro II	QNAP TS-469U-SP	QNAP TS-1270U-RP
QNAP TS-239 Pro II+	QNAP TS-469U-RP	QNAP TS-1279U-RP
QNAP TS-259 Pro	QNAP TS-509 Pro	QNAP TS-EC879U-RP
QNAP TS-259 Pro+	QNAP TS-559 Pro	QNAP TS-EC1279U-RP
QNAP TS-269L	QNAP TS-559 Pro+	QNAP TS-1679U-RP
QNAP TS-269 Pro	QNAP TS-559 Pro II	QNAP TS-EC1679U-RP
QNAP TS-410	QNAP TS-569L	Synology DX213

Systems (continued)

Synology DX5	Synology DS713+	Thecus N5500
Synology DX510	Synology RS212	Thecus N7700Plus
Synology DX513	Synology DS409	Thecus N7700PRO
Synology RX4	Synology DS409+	Thecus N8800Plus
Synology RX410	Synology DS410	Thecus N8800PRO
Synology DS109	Synology DS410J	Thecus N12000
Synology DS109+	Synology DS411	Thecus N16000
Synology DS109J	Synology DS411+	Thecus N12000V
Synology DS110+	Synology DS411+II	Thecus N16000V
Synology DS110J	Synology DS411J	Thecus N8900V
Synology DS111	Synology DS412+	Thecus N2200EVO
Synology DS112	Synology DS413	Thecus N4100EVO
Synology DS112+	Synology DS413J	Thecus N2800
Synology DS112J	Synology RS409	Thecus N4800
Synology DS209	Synology RS409+	Thecus N4800Eco
Synology DS209+	Synology RS409RP+	Thecus N4510U
Synology DS209+II	Synology RS411	Thecus N5500
Synology DS210+	Synology RS810+	Thecus N7510
Synology DS210J	Synology RS810RP+	Thecus W8900
Synology DS211	Synology RS812	Thecus W12000
Synology DS211+	Synology RS812+	Thecus W16000
Synology DS211J	Synology RS812RP+	Proware SB-1403
Synology DS212	Synology DS1010+	Proware SB-2803
Synology DS212+	Synology DS1511+	Proware SB-2123
Synology DS212J	Synology DS1512+	Proware SB-3163[E]
Synology DS213	Synology DS509+	Proware EP-2123
Synology DS213+	Synology DS1812+	Proware EP-3163
Synology DS213air	Thecus 1U4600	Proware EP-4423
Synology DS710+	Thecus N0503	Proware EP-4643
Synology DS712+	Thecus N3200XXX	

JBODs

Toshiba DT01ACA series hard disk drives have been tested and are compatible with the following JBODs:

AIC XJ3000-2123
AIC XJ3000-3163
AIC XJ3000-4243
AIC XJ3000-4243S
AIC XJ3000-4603

Operating Systems

Toshiba DT01ACA series hard disk drives have been tested and are compatible with the following operating systems:

Windows Server 2003 x64
Windows Server 2008 R2 x64
Red Hat Linux x86 x64 ver. 6.1
SuSE Linux 11 x64 SP2

Enclosures and Chassis

Toshiba DT01ACA series hard disk drives have been tested and are compatible with the following enclosures and chassis:

Drobo
Drobo 1200i
Drobo 5D
Drobo 5N
Drobo 800fs
Drobo 800i

*One Terabyte (1TB) = 1,000 Gigabytes (GB). One Gigabyte (1GB) means $10^9 = 1,000,000,000$ bytes using powers of 10. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = $2^{30} = 1,073,741,824$ bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the computer includes one or more pre-installed operating systems, pre-installed software applications, or media content. Actual formatted capacity may vary.

** 4TB capacity point has not officially been tested for compatibility on this partner solution.

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