

T5 *Portable & Desktop RAID Appliance*

Tower-5Bay IDE RAID System



Portable

Desktop

The best choice

Intel IOP 219 400Mhz/64bit
Toshiba 200 MHz/64bit CPU

+

U320SCSI / U160SCSI /
USB2.0 + 1394B

+

128MB, 64MB cache memory

+

5 x ATA133 IDE HDD /
5 x SATA II HDD

Quick Spec

- ⊙ Dimension : External device, 2.88(H) x 3.10(W) x 4.53(D)
- ⊙ External device interface : Ultra 320, Ultra 160, USB 2.0 +1394B
- ⊙ Internal drive interface : 5 x ATA-133 IDE/ 5 x SATAII

Why "T5"

- ⊙ The first Portable IDE RAID box at the right price point.
- ⊙ Handle-Bar for easy carrying
- ⊙ 160GB, 200GB, 300GB, 400GB and greater size IDE HDD supported,
- ⊙ ATA133/100 HDD supported. SATAII HDD ready.
- ⊙ High compatibility with selected hosts types: SCSI, USB2.0, 1394b
- ⊙ Easy to maintain through web manager
- ⊙ Best choice for SOHO and small scale application and Field-Data-Collection.

Features

- ⊙ Maximum capacity up to 1.2TB with RAID-5 protection.
- ⊙ Host independent & System OS transparent
- ⊙ Unique back-plane design
- ⊙ True Hardware RAID: RAID-0, 0+1, 1, 3, 5, plus Hot-Spare, Hot-Swap, On-line Auto-rebuild.
- ⊙ Supports on-line expansion
- ⊙ Smart LCD & Buttons for easy setup and monitoring. LED Status Indicators.

T5 TECHNICAL SPECIFICATION

Model Number	S5020 U320-to-SATAII	S5010 U160-to-IDE	I5010 USB2.0+1394B-to-IDE
RAID Engine	Intel IOP219 Processor (64bit/400MHz)	Toshiba Processor (64bit/200MHz)	Toshiba Processor (64bit/200MHz)
Online RAID Levels	RAID level 0, 1, 10, 3, 5, 6 , JBOD	0, 1, 3, 5 & 0+1, JBOD, Multiple RAID arrays	0, 1, 3, 5 & 0+1, JBOD
RAID Functions	Hot-Spare, Hot-Swap, On-line Auto-Rebuild	Hot-Spare, Hot-Swap, On-line Auto-Rebuild	Hot-Spare, Hot-Swap, On-line Auto-Rebuild
Drive/Array Roaming	Yes, Supported	Yes, Supported	Yes, Supported
Cache Memory	DDR200 128 MB ECC SDRAM	64 MB ECC SDRAM	64 MB ECC SDRAM
Host Channels	1 x Ultra 320 SCSI	1 x Ultra 160 SCSI	1 x IEEE 1394B + 1 x USB 2.0
Number of Drive Bay	5	5	5
Host Transfer Rate	Up to 320MB/s	Up to 160MB/s	Up to 70MB/s
OS Support	Host Independent & OS Transparent	Host Independent & OS Transparent	Windows 2000,XP,2003 & Mac9,10.x
Backplane Interface	Serial ATA II	Ultra DMA 133-to-SCSI	Ultra DMA 133-to-SCSI
Drive Type	Serial ATA II	IDE, Ultra DMA 133/100	IDE, Ultra DMA 133/100
Drive Size Support	200GB, 300GB, 400GB	200GB, 250GB, 300GB, and +	200GB, 250GB, 300GB, and +
SCSI Feature	Hardware Termination SCSI ID Selectable SCSI Tag Command Queuing	Hardware Termination SCSI ID Selectable SCSI Tag Command Queuing	N/A
Bad Sector & Disk Error Handling	Fully Utilize S.M.A.R.T. – S elf M onitoring A nalysis and R eporting T echnology, which is implemented on all the IDE disks from each and every disk manufacturers.		
Setup & Monitoring Method	via LCD Display & Buttons and/or via RS-232 Hyper-Terminal or WebBrowser UI		
Power Supply	150w PFC, AC 100~130 or 220~ 264V, Manually Switch		
Operating Temperature	5°C to 50°C	5°C to 50°C	5°C to 50°C
Dimension(inch)	2.88 (H) x 3.10(W) x 4.53(D)	2.88 (H) x 3.10(W) x 4.53(D)	2.88 (H) x 3.10(W) x 4.53(D)
Weight	19.8 LB (W/H.D.)	19.8 LB (W/H.D.)	19.8 LB (W/H.D.)

Functions:

- ▲ New disk auto spare ▲ Host independent ▲ Environment monitor ▲ Online expansion ▲ Continuous rebuild
- ▲ Online consistency check ▲ Failed drive auto rebuild ▲ Failed drive indicators ▲ Audible alarm ▲ Password protection
- ▲ Bad block auto-remapping ▲ Multiple RAID selection ▲ Array roaming ▲ Online RAID level migration