



# STORAGE



ARROW ELECTRONICS, INC.

Storage ▶

[www.arrownac.com](http://www.arrownac.com)



## Adaptec Unified Serial™ Controllers

Choose Adaptec Unified Serial™ controllers to leverage cost-effective, high-capacity SATA disk drives or high-performance SAS drives, or both, in a single storage system. Integrate one-view storage management software and the industry's most advanced data protection. With Adaptec, it's possible to create solutions that are closely tailored to your customer's business needs today and also make upgrading or reallocating storage as simple as swapping disks.



### Features ▶

- RAID 1, 1E, 5, 5EE, 6, 10, 50, and 60, depending on model
- RAID-level migration improves investment protection
- Copyback hot spare
- Optimized disk utilization
- Optional snapshot backup

### Benefits ▶

- Unmatched flexibility
- Stronger performance
- Better scalability
- Mix-and-match both SATA and SAS drives

### Applications ▶

- Windows
- Linux
- NetWare
- Solaris
- SCO and more

### Product Specifications ▶

Unified Serial (SATA/SAS) Solutions	Ordering Part #	SRP (\$)	Bus Type	Chan. (Ports)	BIOS	Connector(s)	Devices	Device Protocol	Transfer Rate	Operating System Support	Cables	RAID Support
Adaptec RAID 3160S Kit	2252700-R	995	PCIe x8	16	✓	(4) SAS x4 (SFF-8087) internal	Up to 16 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86	✓	0, 1, 1E, 5, 5EE, 6, 60, 10, 50, JBOD
Adaptec RAID 3160S SGL/256	2252900-R	950	PCIe x8	16	✓	(4) SAS x4 (SFF-8087) internal	Up to 16 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86		0, 1, 1E, 5, 5EE, 6, 60, 10, 50, JBOD
Adaptec RAID 3120S Kit	2252400-R	795	PCIe x8	12	✓	(3) SAS x4 (SFF-8087) internal	Up to 12 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86	✓	0, 1, 1E, 5, 5EE, 6, 60, 10, 50, JBOD
Adaptec RAID 3120S SGL/256	2252600-R	755	PCIe x8	12	✓	(3) SAS x4 (SFF-8087) internal	Up to 12 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86		0, 1, 1E, 5, 5EE, 6, 60, 10, 50, JBOD
Adaptec RAID 3805 Kit	2252100-R	575	PCIe x4	8	✓	(2) SAS x4 (SFF-8087) internal	Up to 8 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86	✓	0, 1, 1E, 5, 5EE, 6, 10, 50, 60
Adaptec RAID 3805 SGL/128	2252200-R	520	PCIe x4	8	✓	(2) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86		0, 1, 1E, 5, 5EE, 6, 10, 50, 60
Adaptec RAID 3805 SGL/256	2252300-R	600	PCIe x4	8	✓	(2) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86		0, 1, 1E, 5, 5EE, 6, 10, 50, 60
Adaptec RAID 3085 Kit	2251600-R	745	PCIe x8	8	✓	(2) Mini SAS x4 (SFF-8088) external	Up to 8 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86		0, 1, 1E, 5, 5EE, 6, 10, 50, 60
Adaptec RAID 3405 Kit	2251800-R	390	PCIe x4	4	✓	(1) SAS x4 (SFF-8087) internal	Up to 4 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86	✓	0, 1, 1E, 5, 5EE, 6, 10, 50, 60
Adaptec RAID 3405 SGL/128	2251900-R	350	PCIe x4	4	✓	(1) SAS x4 (SFF-8087) internal	Up to 4 128 w/expanders	SATA, SAS	3 Gb/s	Windows XP, NW 6.5, SCO Unix, Redhat, SuSE, Free BSD, Solaris x86		0, 1, 1E, 5, 5EE, 6, 10, 50, 60
Adaptec RAID 4000SAS SGL/128 (SATA/SAS)	2246200-R	395	64-bit PCI-X 3.3V only	0	✓	None	Up to 24 Connect M/B	SAS, SATA	300 MB/s	Windows 2000/XP/2003/NW 6.5/SCO Unix Red Hat/SuSE/Free BSD/Solaris x86		0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec RAID 4800SAS Kit (SATA/SAS)	2183100-R	910	64-bit PCI-X 3.3V only	8	✓	(1) SAS x4 (SFF-8470) external (2) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003/NW 6.5/SCO Unix Red Hat/SuSE/Free BSD/Solaris x86	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec RAID 4800SAS SGL/128 (SATA/SAS)	2185600-R	860	64-bit PCI-X 3.3V only	8	✓	(1) SAS x4 (SFF-8470) external (2) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003/NW 6.5/SCO Unix Red Hat/SuSE/Free BSD/Solaris x86		0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec RAID 4800SAS SGL/256 (SATA/SAS)	2185700-R	900	64-bit PCI-X 3.3V only	8	✓	(1) SAS x4 (SFF-8470) external (2) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003/NW 6.5/SCO Unix Red Hat/SuSE/Free BSD/Solaris x86		0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec RAID 4805SAS Kit (SATA/SAS)	2183300-R	910	8-lane PCI-E 3.3V only	8	✓	(1) SAS x4 (SFF-8470) external (2) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003/NW 6.5/SCO Unix Red Hat/SuSE/Free BSD/Solaris x86	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec RAID 4805SAS SGL/128 (SATA/SAS)	2185800-R	860	8-lane PCI-E 3.3V only	8	✓	(1) SAS x4 (SFF-8470) external (2) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003/NW 6.5/SCO Unix Red Hat/SuSE/Free BSD/Solaris x86		0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec RAID 4805SAS SGL/256 (SATA/SAS)	2185900-R	900	8-lane PCI-E 3.3V only	8	✓	(1) SAS x4 (SFF-8470) external (2) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003/NW 6.5/SCO Unix Red Hat/SuSE/Free BSD/Solaris x86		0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec RAID 44300 Kit (SATA/SAS)	2220300-R	250	64-bit PCI-X 3.3V or 5V	4	✓	(1) SAS x4 (SFF-8484) internal	Up to 4 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003 NW 6.5/ Red Hat/SuSE	✓	Host 0/1/10
Adaptec RAID 44300 SGL (SATA/SAS)	2253900-R	180	64-bit PCI-X 3.3V or 5V	4	✓	(1) SAS x4 (SFF-8484) internal	Up to 4 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003 Linux		Host 0/1/10
Adaptec RAID 48300 Kit (SATA/SAS)	2216400-R	360	64-bit PCI-X 3.3V or 5V	8	✓	(1) SAS x4 (SFF-8470) external	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003 NW 6.5/ Red Hat/SuSE	✓	Host 0/1/10
Adaptec RAID 48300 SGL (SATA/SAS)	2254000-R	265	64-bit PCI-X 3.3V or 5V	8	✓	(1) SAS x4 (SFF-8484) internal	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003 NW 6.5/ Red Hat/SuSE		Host 0/1/10
Adaptec RAID 58300 Kit (SATA/SAS)	2220600-R	360	64-bit PCI-X 3.3V or 5V	8	✓	(1) SAS x4 (SFF-8470) external	Up to 8 128 w/expanders	SAS, SATA	300 MB/s	Windows 2000/XP/2003 NW 6.5/ Red Hat/SuSE	✓	Host 0/1/10
Serial ATA (SATA) Solutions												
Adaptec SATA RAID 1420SA Kit	2170200-R	125	64-bit PCI-X 3.3V or 5V	4	✓	(1) SAS x4 (SFF-8484) internal	Up to 4 low profile	SATA	300 MB/s	Windows 2000/XP/2003 NW 6.5/ Red Hat/SuSE	✓	Host 0/1/10/JBOD
Adaptec SATA RAID 1430SA Kit	2240900-R	125	4-lane PCI-E 3.3V only	4	✓	(2) Mini SAS x4 (SFF-8088) external	Up to 4	SATA	300 MB/s	Windows 2000/XP/2003/RH/SuSE/NW	✓	Host 0/1/10/JBOD
Adaptec SATA RAID 2420SA Kit	2169300-R	375	64-bit PCI-X 3.3V only	4	✓	(4) SATA x1	Up to 4	SATA	300 MB/s	2000/XP/2003/RH/SuSE/Solaris10 UnixWARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD

## Adaptec Unified Serial™ Controllers—Continued

## Product Specifications ▶

Unified Serial (SATA/SAS) Solutions	Ordering Part #	SRP (\$)	Bus Type	Chan. (Ports)	BIOS	Connector(s)	Devices	Device Protocol	Transfer Rate	Operating System Support	Cables	RAID Support
Serial ATA (SATA) Solutions—Continued												
Adaptec SATA RAID 2420SA SGL/128	2254200-R	335	64-bit PCI-X 3.3V only	4	✓	(4) SATA x1	Up to 4	SATA	300 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 Unix WARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SATA RAID 2420SA SGL/256	2169400-R	450	64-bit PCI-X 3.3V only	4	✓	(4) SATA x1	Up to 4	SATA	300 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 Unix WARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SATA RAID 2820SA kit	2169900-R	575	64-bit PCI-X 3.3V only	8	✓	(8) SATA x1	Up to 8	SATA	300 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 Unix WARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SATA RAID 2820SA SGL/128	2254300-R	520	64-bit PCI-X 3.3V only	8	✓	(8) SATA x1	Up to 8	SATA	300 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 Unix WARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SATA RAID 2820SA SGL/256	2170000-R	645	64-bit PCI-X 3.3V only	8	✓	(8) SATA x1	Up to 8	SATA	300 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 Unix WARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SATA RAID 2020SA kit	2113400-R	350	64-bit PCI 3.3V only	0	✓	None	Up to 30 Connect M/B	SATA	300 MB/s	Windows 2000/XP/2003/Red Hat/SuSE	✓	0/1/10/5/50/JBOD
Adaptec SATA RAID 2025SA kit	2113600-R	350	64-bit PCI 3.3V only	0	✓	None	Up to 30 Connect M/B	SATA	300 MB/s	Windows 2000/XP/2003/Red Hat/SuSE	✓	0/1/10/5/50/JBOD
Adaptec SATA RAID 1210SA kit	2015000-R	75	32-bit PCI 3.3V or 5V	2	✓	(2) SATA x1	Up to 2 low profile	SATA	150 MB/s	Windows 2000/XP/2003 Linux RedHat/SuSE	✓	Host 0/1/JBOD
Adaptec SATA RAID 1220SA kit	2232100-R	75	PCIe x1 3.3V only	2	✓	(2) SATA x1	Up to 2 low profile	SATA	300 MB/s	Windows 2000/XP/2003 Linux Red Hat/NW/SuSE	✓	Host 0/1/JBOD
Adaptec SATA RAID 2410SA kit	1961900-R	390	64-bit PCI 3.3V or 5V	4	✓	(2) SATA x1	Up to 4 low profile	SATA	150 MB/s	Windows 2000/XP/2003 Linux Red Hat/SuSE	✓	0/1/5/10/JBOD
Adaptec SATA RAID 2410SA SGL/64	2254100-R	320	64-bit PCI 3.3V or 5V	4	✓	(2) SATA x1	Up to 4 low profile	SATA	150 MB/s	Windows 2000/XP/2003 Linux Red Hat/SuSE	✓	0/1/5/10/JBOD
Ultra 320 SCSI Solutions												
Adaptec SCSI RAID 2120S Kit	2215100-R	525	64-bit PCI3.3 or 5V	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15 low profile	Ultra320	320 MB/s	2K/XP/NT4/2003/NW/RH/SuSE/SCO/SCO Unix/CAL	✓	0/1/10/5/50/JBOD
Adaptec SCSI RAID 2120S SGL/64	2215200-R	475	64-bit PCI 3.3 or 5V	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15 low profile	Ultra320	320 MB/s	2K/XP/NT4/2003/NW/RH/SuSE/SCO/SCO Unix/CAL	✓	0/1/10/5/50/JBOD
Adaptec SCSI RAID 2120S SGL/128	2215700-R	500	64-bit PCI 3.3 or 5V	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15 low profile	Ultra320	320 MB/s	2K/XP/NT4/2003/NW/RH/SuSE/SCO/SCO Unix/CAL	✓	0/1/10/5/50/JBOD
Adaptec SCSI RAID 2130SLP Kit	2093400-R	495	64-bit PCI 3.3 or 5V	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15 low profile	Ultra320	320 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 UnixWARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SCSI RAID 2130SLP SGL/128	2093500-R	445	64-bit PCI 3.3 or 5V	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15 low profile	Ultra320	320 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 UnixWARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SCSI RAID 2130SLP SGL/256	2118700-R	475	64-bit PCI-X 3.3V only	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15 low profile	Ultra320	320 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 UnixWARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SCSI RAID 2230SLP Kit	2120200-R	725	64-bit PCI-X 3.3V only	2	✓	(2) 68-pin very high density (VHDCI)	Up to 30 low profile	Ultra320	320 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 UnixWARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SCSI RAID 2230SLP SGL/128	2120300-R	660	64-bit PCI-X 3.3V only	2	✓	(2) 68-pin very high density (VHDCI)	Up to 30 low profile	Ultra320	320 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 UnixWARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SCSI RAID 2230SLP SGL/256	2118800-R	700	64-bit PCI-X 3.3V only	2	✓	(2) 68-pin very high density (VHDCI)	Up to 30 low profile	Ultra320	320 MB/s	Windows 2000/XP/2003/RH/SuSE/Solaris10 UnixWARE/SCO 5.06/7/NW/Free BSD	✓	0/1/1E/5/5EE/6/60/10/50/JBOD
Adaptec SCSI RAID 2020ZCR Kit	2039300-R	350	64-bit PCI-X 3.3V only	0	✓	None	Up to 30 connect M/B	Ultra320	320 MB/s	2K/XP/2003/NW 6.5 SP2 SCO/Unix 7.1.3/RH/SuSE	✓	0/1/10/5/50/JBOD
Adaptec SCSI 29320A Kit	2060500-R	349	64-bit PCI-X 3.3V only	1	✓	(1) 68-pin high density (68HD)	Up to 15	Ultra320	320 MB/s	NT4/2000/XP/2003/RH/SuSE/NW/SUN 9/SCO	✓	Host 0/1/10
Adaptec SCSI 29320A SGL	2253500-R	250	64-bit PCI-X 3.3V only	1	✓	(1) 68-pin high density (68HD)	Up to 15	Ultra320	320 MB/s	NT4/2000/XP/2003/RH/SuSE/NW/SUN 9/SCO	✓	Host 0/1/10
Adaptec SCSI 29320ALP Kit	2060100-R	349	64-bit PCI-X 3.3V only	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15 low profile	Ultra320	320 MB/s	NT4/2000/XP/2003/RH/SuSE/NW/SUN 9/SCO	✓	Host 0/1/10
Adaptec SCSI 29320ALP SGL	2253600-R	250	64-bit PCI-X 3.3V only	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15 low profile	Ultra320	320 MB/s	NT4/2000/XP/2003/RH/SuSE/NW/SUN 9/SCO	✓	Host 0/1/10
Adaptec SCSI 39320A Kit	2060900-R	399	64-bit PCI-X 3.3V only	2	✓	(1) 68-pin very high density (VHDCI)	Up to 30	Ultra320	320 MB/s	NT4/2000/XP/2003/RH/SuSE/NW/SUN 9/SCO	✓	Host 0/1/10
Adaptec SCSI 39320A SGL	2253800-R	290	64-bit PCI-X 3.3V only	2	✓	(1) 68-pin very high density (VHDCI)	Up to 30	Ultra320	320 MB/s	NT4/2000/XP/2003/RH/SuSE/NW/SUN 9/SCO	✓	Host 0/1/10
SCSI Solutions												
Adaptec SCSI 2906 Kit	1772900-R	65	32-bit PCI 5V only	1	✓	(1) 25-pin D-sub (DB25)	Up to 7	Fast SCSI	10 MB/s	DOS/Windows/Mac	✓	
Adaptec SCSI 2930U Kit	1662200-R	99.99	32-bit PCI 5V only	1	✓	(1) 50-pin high density (50HD)	Up to 7	Ultra SCSI	20 MB/s	DOS/WIN 95/98 NT/XP/ME/2000	✓	
Adaptec SCSI 2930LP SGL	2253000-R	95	32-bit PCI 5V only	1	✓	(1) 50-pin high density (50HD)	Up to 7	Ultra SCSI	20 MB/s	DOS/WIN 95/98 NT/XP/ME/2000	✓	
Adaptec SCSI 2940 Ultra Kit	989000-R	275	32-bit PCI 5V only	1	✓	(1) 50-pin high density (50HD)	Up to 7	Ultra SCSI	20 MB/s	DOS/WIN 95/98/2000 XP/ME/NT/SCO/Unix	✓	
Adaptec SCSI 2944UW Kit	1641200-R	399	32-bit PCI 5V only	1	✓	(1) 68-pin high density (68HD)	Up to 15	Ultra-wide CSI	40 MB/s	DOS/WIN 95/98/2000 XP/ME/NT/SCO/Unix	✓	
Adaptec SCSI 19160 Kit	1822100-R	259	32-bit PCI 3.3V or 5V	1	✓	(1) 50-pin high density (50HD)	Up to 15	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP	✓	
Adaptec SCSI 19160 SGL	2253100-R	180	32-bit PCI 3.3V or 5V	1	✓	(1) 50-pin high density (50HD)	Up to 15	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP	✓	
Adaptec SCSI 29160 Kit	1821900-R	329	64-bit PCI 3.3V or 5V	1	✓	(1) LVD 68-pin high density (68HD)	Up to 15	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP/SUN	✓	
Adaptec SCSI 29160 SGL	2253200-R	220	64-bit PCI 3.3V or 5V	1	✓	(1) LVD 68-pin high density (68HD)	Up to 15	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP/SUN	✓	
Adaptec SCSI 29160LP Kit	1863700-R	299	64-bit PCI 3.3V or 5V	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP/SUN	✓	
Adaptec SCSI 29160LP SGL	2253300-R	180	64-bit PCI 3.3V or 5V	1	✓	(1) 68-pin very high density (VHDCI)	Up to 15	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP/SUN	✓	
Adaptec SCSI 29160N Kit	1835000-R	329	32-bit PCI 3.3V or 5V	1	✓	(1) 50-pin high density (50HD)	Up to 15	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP/SUN	✓	
Adaptec SCSI 29160N SGL	2253400-R	235	32-bit PCI 3.3V or 5V	1	✓	(1) 50-pin high density (50HD)	Up to 15	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP/SUN	✓	
Adaptec SCSI 39160 Kit	1822300-R	379	64-bit PCI 3.3V or 5V	2	✓	(2) LVD 68-pin very high density (VHDCI)	Up to 30	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP/SUN	✓	
Adaptec SCSI 39160 SGL	2253700-R	260	64-bit PCI 3.3V or 5V	2	✓	(2) LVD 68-pin very high density (VHDCI)	Up to 30	Ultra160	160 MB/s	DOS/WIN 3.x/95/98 NT/ME/2000/XP/SUN	✓	

# HITACHI

Inspire the Next

## Hitachi Global Storage Technologies

Hitachi Global Storage Technologies offers you a comprehensive product portfolio based on industry-leading technology—including 2.5-inch and 3.5-inch hard disk drive storage devices and solutions that address broad consumer, commercial, and industrial applications for PCs, workstations, servers, RAID storage subsystems, notebooks, and more. With over 50 years in hard drive innovation, Hitachi GST has maintained its position as the market and segment leader for 2.5-inch hard drives since its first shipment in 1991.



### Features ▶

- A legacy of more than 50 years in hard drive innovation
- Demonstrated world-class quality and local design studios
- Proven technology leadership in perpendicular magnetic recording, Femto slider, pixie dust media, and giant magnetoresistive (GMR) head
- Broad product portfolio including a full range of high-cap to low-cap drives with high quality and reliability.

### Benefits ▶

Enabling users to fully engage in the digital lifestyle by providing access to large amounts of storage capacity in formats suitable for the office, on-the-road, and in-home

### Applications ▶

- Embedded, e-business, and emerging technologies
- Enterprise business critical applications
- Notebook and desktop personal computers
- Consumer electronics, converged devices, and gaming devices
- External storage, DVRs, set-top boxes, and media center PCs

### Product Specifications ▶

Product	Model Number	Capacity	Interface	Form Factor	RPM	Seek Time	Max. Data Rate	Buffer	Other Information
Ultrastar™ 15K300	HUS153030VL3800	300 GB	Ultra320 SCSI	3.5"	15K	3.6 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153030VLS300	300 GB	3 Gb/s SAS	3.5"	15K	3.6 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153030VLF400	300 GB	4 Gb/s FCAL	3.5"	15K	3.6 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153014VL3800	147 GB	Ultra320 SCSI	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153014VLS300	147 GB	3 Gb/s SAS	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153014VLF400	147 GB	4 Gb/s FCAL	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153073VL3800	73 GB	Ultra320 SCSI	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153073VLS300	73 GB	3 Gb/s SAS	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
Ultrastar A7K1000	HUA721010KLA330	1 TB	SATA 3 Gb/s	3.5"	7,200	8.2 ms	1,070 Mb/s	32 MB	New Q2 2007
	HUA721075KLA330	750 GB	SATA 3 Gb/s	3.5"	7,200	8.2 ms	1,070 Mb/s	32 MB	New Q2 2007
	HUA721050KLA330	500 GB	SATA 3 Gb/s	3.5"	7,200	8.2 ms	1,070 Mb/s	32 MB	New Q2 2007
Ultrastar 15K147	HUS151414VL3600	147 GB	Ultra320 (68-pin)	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151414VL3800	147 GB	Ultra320 (80-pin)	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151414VLS300	147 GB	SAS	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151414VLF200	147 GB	2 Gb fibre channel	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151414VLF400	147 GB	4 Gb fibre channel	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151473VL3600	73 GB	Ultra320 (68-pin)	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151473VL3800	73 GB	Ultra320 (80-pin)	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151473VLS300	73 GB	SAS	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151473VLF200	73 GB	2 Gb fibre channel	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151473VLF400	73 GB	4 Gb fibre channel	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151436VL3600	36 GB	Ultra320 (68-pin)	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	HUS151436VL3800	36 GB	Ultra320 (80-pin)	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	HUS151436VLS300	36 GB	SAS	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	HUS151436VLF200	36 GB	2 Gb fibre channel	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	HUS151436VLF400	36 GB	4 Gb fibre channel	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	Deskstar™ E7K500	HDS725050KLA360	500 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	817 Mb/s	16 MB
Deskstar 7K1000	HDS721010KLA330	1,000 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	1,070 Mb/s	32 MB	New Q2 2007
	HDS721075KLA330	750 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	1,070 Mb/s	32 MB	New Q2 2007
Deskstar T7K500	HDT725050VLA360	500 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	998 Mb/s	16 MB	NA
	HDT725050VLAT80	500 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA
	HDT725040VLA360	400 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	998 Mb/s	16 MB	NA
	HDT725040VLAT80	400 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA
	HDT725032VLA360	320 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	998 Mb/s	16 MB	NA
	HDT725032VLAT80	320 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA
	HDT725025VLA380	250 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA
HDT725025VLAT80	250 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA	

Arrow Electronics Embedded Computing

800-285-7503 | www.arrownac.com

**Hitachi Global Storage Technologies—Continued**
**Product Specifications ▶**

Product	Model Number	Capacity	Interface	Form Factor	RPM	Seek Time	Max. Data Rate	Buffer	Other Information
Deskstar 7K160	HDS721616PLA380	160 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	966 Mb/s	8 MB	NA
	HDS721616PLAT80	160 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
	HDS721612PLA380	120 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
	HDS721612PLAT80	120 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
	HDS721680PLA380	80 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
Deskstar 7K500	HDS721680PLAT80	80 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
	HDS725050KLA380	500 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	817 Mb/s	817 Mb/s	NA
CinemaStar™ 7K1000	HCS721010KLA330	1000 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	1,070 Mb/s	1, 070	New Q2 2007
	HCS721075KLA330	750 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	1,070 Mb/s	32 MB	New Q2 2007
CinemaStar 7K500	HCS725050VLA380	500 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725050VLA380	500 GB	PATA 133 MB/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725040VLA380	400 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725040VLA380	400 GB	PATA 133 MB/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725032VLA380	320 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725032VLA380	320 GB	PATA 133 MB/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725025VLA380	250 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725025VLA380	250 GB	PATA 133 MB/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
Travelstar™ 7K100	HTS721010G9SA00	100 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	629 Mb/s	8 MB	NA
	HTS721010G9AT00	100 GB	PATA 100 MB/s	2.5"	7,200	10 ms	629 Mb/s	8 MB	NA
	HTS721080G9SA00	80 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
	HTS721080G9AT00	80 GB	PATA 100 MB/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
	HTS721060G9SA00	60 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
	HTS721060G9AT00	60 GB	PATA 100 MB/s	2.5"	7,200	11 ms	561 Mb/s	8 MB	NA
Travelstar 5K160	HTS541616J9SA00	160 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q3 2006
	HTS541616J9AT00	160 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q3 2006
	HTS541612J9SA00	120 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541612J9AT00	120 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541680J9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541680J9AT00	80 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541660J9SA00	60 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541660J9AT00	60 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541640J9SA00	40 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541640J9AT00	40 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
Travelstar 5K120	HTS541212H9SA00	120 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541212H9AT00	120 GB	PATA 100 MB/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541210H9SA00	100 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541210H9AT00	100 GB	PATA 100 MB/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541280H9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541280H9AT00	80 GB	PATA 100 MB/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541260H9SA00	60 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
HTS541260H9AT00	60 GB	PATA 100 MB/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA	
Travelstar 7K200	HTS722080K9SA00	80 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722080K9A300	80 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722080K9SA00	80 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007
	HTS722010K9SA00	100 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722010K9A300	100 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722010K9SA00	100 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007
	HTS722012K9SA00	120 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722012K9A300	120 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722012K9SA00	120 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007
	HTS722016K9SA00	160 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722016K9A300	160 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722016K9SA00	160 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007
	HTS722020K9SA00	200 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722020K9A300	200 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
HTS722020K9SA00	200 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007	

# HITACHI

Inspire the Next

## Hitachi Global Storage Technologies—Continued

### Product Specifications ▶

Product	Model Number	Capacity	Interface	Form Factor	RPM	Seek Time	Max. Data Rate	Buffer	Other Information
Travelstar 5K250	HTS542580K9A300	80 GB	SATA 3 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542580K9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542580K9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	With encryption/new Q2 2007
	HTS542512K9A300	120 GB	SATA 3 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542512K9SA00	120 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542512K9SA00	120 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	With encryption/new Q2 2007
	HTS542516K9A300	160 GB	SATA 3 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542516K9SA00	160 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542516K9SA00	160 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	With encryption/new Q2 2007
	HTS542525K9A300	250 GB	SATA 3 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542525K9SA00	250 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542525K9SA00	250 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	With encryption/new Q2 2007
Travelstar 5K100	HTS541010G9SA00	100 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541010G9AT00	100 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541080G9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541080G9AT00	80 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541060G9SA00	60 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541060G9AT00	60 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541040G9SA00	40 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541040G9AT00	40 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541020G9AT00	20 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
Travelstar 4K120	HTS421212H9AT00	120 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	8 MB	NA
	HTS421210H9AT00	100 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	8 MB	NA
	HTS421280H9AT00	80 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	8 MB	NA
	HTS421260H9AT00	60 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	2 MB	NA
	HTS421240H9AT00	40 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	2 MB	NA
Travelstar E7K100	HTE721010G9SA00	100 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	629 Mb/s	8 MB	NA
	HTE721010G9AT00	100 GB	PATA 100 MB/s	2.5"	7,200	10 ms	629 Mb/s	8 MB	NA
	HTE721080G9AT00	80 GB	PATA 100 MB/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
	HTE721060G9AT00	60 GB	PATA 100 MB/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
Travelstar E5K100	HTE541040G9SA00	40 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTE541040G9AT00	40 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
Travelstar C3K80	HTC368080H8CE00	80 GB	PATA 33 MB/s	1.8" slim	3,600	14 ms	288 Mb/s	128 KB	ZIF connector—new Q1 2007
	HTC368060H8CE00	60 GB	PATA 33 MB/s	1.8" slim	3,600	14 ms	288 Mb/s	128 KB	ZIF connector—new Q1 2007
	HTC368040H5CE00	40 GB	PATA 33 MB/s	1.8" slim	3,600	14 ms	288 Mb/s	128 KB	ZIF connector—new Q1 2007
	HTC368030H5CE00	30 GB	PATA 33 MB/s	1.8" slim	3,600	14 ms	288 Mb/s	128 KB	ZIF connector—new Q1 2007
Travelstar C4K60	HTC426060G9AT00	60 GB	PATA 100 MB/s	1.8"	4,200	15 ms	272 Mb/s	2 MB	2.5" connector
	HTC426060G8CE00	60 GB	PATA 100 MB/s	1.8" slim	4,200	15 ms	289 Mb/s	2 MB	ZIF connector
	HTC426040G9AT00	40 GB	PATA 100 MB/s	1.8"	4,200	15 ms	237 Mb/s	2 MB	2.5" connector
	HTC426040G8CE00	40 GB	PATA 100 MB/s	1.8" slim	4,200	15 ms	237 Mb/s	2 MB	ZIF connector
	HTC426030G5CE00	30 GB	PATA 100 MB/s	1.8" slim	4,200	15 ms	289 Mb/s	2 MB	ZIF connector
	HTC426020G5CE00	20 GB	PATA 100 MB/s	1.8" slim	4,200	15 ms	237 Mb/s	2 MB	ZIF connector

Hitachi GST's trademarks are authorized for use in countries and jurisdictions in which Hitachi GST has the right to market the brands. The Travelstar trademark is authorized for use in the Americas, EMEA, and the following Asia-Pacific countries and jurisdictions: Australia, Hong Kong, Japan, New Zealand, South Korea and Taiwan. Hitachi GST is not liable for third parties' unauthorized use of Hitachi GST's trademarks.



## TEAC® Internal Optical, FDD and External USB Storage Solutions

TEAC offers one of the most complete product portfolios of optical and FDD storage for your customers to choose from. TEAC offers slim 12.7 mobile optical drive product in both slot load and tray load versions. We offer an array of half height optical drives as well. We provide documentation and strong US based technical and sales support. Please consider us for your future opportunities and applications for all your optical and FDD drive needs.

### Features ▶

- Slim 12.7 form factor optical drives
- Half-height optical drives
- US-based technical support
- EOL notifications

### Benefits ▶

- High Reliability
- Broad product portfolio
- Multiple form factors
- Slot and tray load available

### Applications ▶

TEAC's internal and external storage devices are ideal for any application where removable media solutions are needed

### Product Specifications ▶

Product Type	Model Number	Description	Comments	Case
Internal Desktop CD-ROM Drives/IDE	CD552GB002	CD-ROM 52x IDE drive with PS2 Bezel	NA	10
	CD552GB000	CD-ROM 52x IDE drive with Black Bezel	NA	10
	CD552G/S	CD-ROM 52x IDE drive with PS2 Bezel	Single-packed, white box	10
	CD552GB/S	CD-ROM 52x IDE drive with Black Bezel	Single-packed, white box	10
Internal Desktop CD-RW Drives/IDE	CDW552GB02	CD-RW 52x32x52 IDE drive, PS2 Bezel	NA	10
	CDW552GB00	CD-RW 52x32x52 IDE drive, Black Bezel	NA	10
	CDW552G/S	CD-RW 52x32x52 IDE drive, PS2 Bezel	Single-packed, white box	10
	CDW552G/B/S	CD-RW 52x32x52 IDE drive, Black Bezel	Single-packed, white box	10
	CDW552G/KIT	CD-RW 52x32x52 IDE drive, PS2 Bezel	Retail kit	10
	CDW552G/KIT/B	CD-RW 52x32x52 IDE drive, Black Bezel	Retail kit	10
Internal Desktop DVD-ROM Drives/IDE	DV516GA002	DVD-ROM 16x IDE bare drive PS2, Bezel	NA	10
	DV516GA000	DVD-ROM 16x IDE bare drive Black Bezel	NA	10
	DV516E/S	DVD-ROM 16x IDE drive with PS2 Bezel	Single-packed, white box	10
	DV516E/B/S	DVD-ROM 16x IDE drive with Black Bezel	Single-packed, white box	10
	DV516E/KIT	DVD-ROM 16x IDE drive PS2 retail kit	Includes: powerDVD XP video player software, audio cable, mounting screws, and installation guide	10
	DV516E/KIT/B	DVD-ROM 16x IDE drive black retail kit	Includes: powerDVD XP video player software, audio cable, mounting screws, and installation guide	10
Internal Desktop DVD±RW Drives/IDE	DVW518GM002	Multi IDE DVD±RW drive 18x+, 18x-, and RAM, PS2 Bezel	NA	10
	DVW518GM000	Multi IDE DVD±RW drive 18x+, 18x-, and RAM, Black Bezel	NA	10
	DVW518G/KIT	Multi IDE DVD±RW drive 18x+, 18x-, PS retail kit	Includes: audio cable, DVD/CD software suite, installation guide	10
	DVW518G/KIT/B	Multi IDE DVD±RW drive 18x+, 18x-, black retail kit	Includes: audio cable, DVD/CD software suite, installation guide	10
Internal Desktop Combo CD-RW/DVD-ROM Drives	DW552GB02 (new)	Combo 52x32x52 IDE CD-RW/DVD-ROM drive, PS2 Bezel	NA	10
	DW552GB00 (new)	Combo 52x32x52 IDE CD-RW/DVD-ROM drive, Black Bezel	NA	10
	DW552GB/KIT (new)	Combo 52x32x52 IDE CD-RW/DVD-ROM drive, retail kit	NA	10
	DW552GB/KIT/B (new)	Combo 52x32x52 IDE CD-RW/DVD-ROM drive, Black Bezel, retail kit	NA	10
External Half Height Optical Drives, USB2.0	CDW552G/KIT/USB2	CD-RW 52x32x52 USB, Black Bezel drive retail kit	NA	5
	DVW516E/KIT/USB2	DVD+/-RW USB, 16x Black Bezel drive retail kit	Includes: USB-interface cable, AC-power adapter	5
	DVW518G/KIT/USB2	DVD+/-RW USB, 18x Black Bezel drive retail kit	Includes: USB-interface cable, AC-power adapter	5
	DW552GA/KIT/USB2	Combo 52x32x52 USB, Black Bezel drive retail kit	Power cord, software suite, and installation guide	5
	DW552GB/KIT/USB2	Combo 52x32x52 USB, Black Bezel drive retail kit	Power cord, software suite, and installation guide	5
Internal Slim Line Optical Drives (continued on following page)	CD224EN83	CD-ROM 24x Slimline IDE Drive, 12.7 mm high with Black Bezel, RoHS-compliant	NA	20
	CD224EN93	CD-ROM 24x Slimline IDE Drive, 12.7 mm high with Black Bezel, RoHS-compliant	NA	20
	CD224ER83	CD-ROM 24x Slimline IDE Drive, 12.7 mm high with Black Bezel, RoHS-compliant	NA	20
	CD224ER93	CD-ROM 24x Slimline IDE Drive, 12.7 mm high with Black Bezel, RoHS-compliant	NA	20
	DV28ER83	DVD-ROM 8x IDE RoHS-compliant bare drive with Black Bezel	NA	20
	DV28ER93	DVD-ROM 8x IDE RoHS-compliant bare drive with Black Bezel	NA	20
	DV28EV83 (new)	DVD-ROM 8x IDE RoHS-compliant bare drive with Black Bezel	NA	20
	DV28EV93 (new)	DVD-ROM 8x IDE RoHS-compliant bare drive with Black Bezel	NA	20
	DV28SLR83	DVD-ROM 8x IDE slot load bare drive with Black Bezel, RoHS-compliant	NA	20
	DV28SLR93	DVD-ROM 8x IDE slot load bare drive with Black Bezel, RoHS-compliant	NA	20
DVW28EC083 (new)	DVD writer, 8x DVD+R, 8x DVD-R, 8x DVD+RW, 6x DVD-RW, 5x DVD-RAM write, CSEL 24x CD-R, 24x CDRW, 24xCD-ROM, 8x DVD-ROM	NA	20	

# TEAC

## TEAC Internal Optical, FDD and External USB Storage Solutions—Continued

### Product Specifications ▶

Product Type	Model Number	Description	Comments	Case
Internal Slim Line Optical Drives <i>(continued from previous page)</i>	DVW28EC093 (new)	DVD writer, 8x DVD+R, 8x DVD-R, 8x DVD+RW, 6x DVD-RW, 5x DVD-RAM write, CSEL-24x CD-R, 24x CDRW, 24x CD-ROM, 8x DVD-ROM	NA	20
	DVW28EA593	DVD writer, 8x DVD+R, 8x DVD-R, 4x DVD+RW, 4x DVD-RW, 5x DVD-RAM write 24x CD-R, 16x CDRW, 24x CD-ROM, 8x DVD-ROM	NA	20
	DVW28SLC093 (new)	DVD writer, 8x DVD+R, 8x DVD-R, 8x DVD+RW, 6x DVD-RW, 5x DVD-RAM write 24x CD-R, 24x CDRW, 24x CD-ROM, 8x DVD-ROM w/emergency media eject and 8 cm disc support	NA	20
	DW224EV83 (new)	Combo 24x24x24x8 DVD-ROM/CDRW drive, RoHS-compliant	NA	20
	DW224EV93 (new)	Combo 24x24x24x8 DVD-ROM/CDRW drive, RoHS-compliant	NA	20
Internal Slim Line Optical Drives	DW224SLR83	Combo 24x24x24x8 DVD-ROM/CDRW drive, RoHS-compliant	Slotload	20
	DW224SLR93	Combo 24x24x24x8 DVD-ROM/CDRW drive, RoHS-compliant	Slotload	20
Internal Slim Line Optical Drive for Autos	DV-SC15x (new)	12.7 mm slim slot DVD-ROM for car-navigation or car-PC	NA	20
External Slim Opticals USB2.0 and PCMCIA	CD210PU01	CD-ROM 10x max. external ultra-slim clam-shell, USB drive w/single box	NA	5
	CD224PE/KIT	CD-ROM 24x max. external ultra-slim clam-shell drive retail kit, PCMCIA	NA	5
	DV28PE/KIT	DVD-ROM 8x portable drive retail kit	Includes: DVD video player s/e, user's manual, PCM DVD-ROM 8x portable drive	5
	CD224U/KIT	CD-ROM 24x external USB2.0 portable slim drive, retail kit	Retail kit CIA cable, driver AC adapter	10
	DV28U/KIT	DVD-ROM 8x external USB2.0 portable slim drive, retail kit	Includes: DVD movie player software	10
	DW224U/KIT	Combo CD-RW/DVD-ROM ext. USB2.0 portable slim drive, retail kit	Includes: CD recording software	10
	DVW28U/KIT	DVD±RW 8x Ext. USB2.0 portable slim drive, retail kit	Includes: DVD/CD recording/editing software, DVD movie player software	10
External Hard Disk Drive—3.5" USB	HDU40/KIT	40 GB External USB 2.0 3.5" hard drive retail kit USB interface cable, AC power adapter and installation guide	Includes: software driver CD-ROM disc	5
	HDU80/KIT	80 GB External USB 2.0 3.5" hard drive retail kit USB interface cable, AC power adapter and installation guide	Includes: software driver CD-ROM disc	5
	HDU120/KIT	120 GB External USB 2.0 3.5" hard drive retail kit USB interface cable, AC power adapter and installation guide	Includes: software driver CD-ROM disc	5
	HDU160/KIT	160 GB External USB 2.0 3.5" hard drive retail kit USB interface cable, AC power adapter and installation guide	Includes: software driver CD-ROM disc	5
	HDU200/KIT	200 GB External USB 2.0 3.5" hard drive retail kit USB interface cable, AC power adapter and installation guide	Includes: software driver CD-ROM disc	5
	HDU300/KIT	300 GB External USB 2.0 3.5" hard drive retail kit USB interface cable, AC power adapter and installation guide	Includes: software driver CD-ROM disc	5
External Hard Disk Drive—2.5" USB	HD2U40/KIT	40 GB External USB 2.0, 2.5" portable hard drive retail kit USB interface cable, AC power adapter and installation guide	NA	5
	HD2U60/KIT	60 GB External USB 2.0, 2.5" portable hard drive retail kit USB interface cable, AC power adapter and installation guide	Includes: software driver CD-ROM disc	5
	HD2U100/KIT	100 GB External USB 2.0, 2.5" portable hard drive retail kit USB interface cable, AC power adapter and installation guide	Includes: software driver CD-ROM disc	5
External Hard Disk Drive—2.0" USB	HD10U4/KIT	4 GB External USB 2.0 1" slim portable hard drive retail kit USB interface cable, case, and installation guide	Includes: software driver CD-ROM disc	5
	HD10U8/KIT	8 GB External USB 2.0 1" Slim portable hard drive retail kit USB interface cable, case, and installation guide	Includes: software driver CD-ROM disc	NA
Portable Multi-Function Drive	PDRIVE/40	External portable storage drive for photo, MP3, video and data files with integrated multi-card reader	Includes: software driver CD-ROM disc	NA
External 3.5" HDD Enclosure	HUCCASE/KIT/35	3.5" HDD external enclosure, USB 2.0	Includes: software, cable	5
Stand-alone CDR Duplicators	CDW/D11A/KIT	1 x 1 stand alone CDR duplicator	Includes: power adapter, USB cable, stand	5
	CDW/D13A/KIT	1 x 3 stand alone CDR duplicator	Includes: 2–52x CDRW drives, controller and case, manual	1
	CDW/D13A/KIT/H	1 x 3 stand alone CDR duplicator with 80 GB hard drive	Includes: 1–52x CDROM, 3–52x CDRW drives, controller, case, manual	1
	CDW/D17A/KIT	1 x 7 stand alone CDR duplicator	Includes: 1–52x CDROM and 7–52x CDRW drives, controller, cases, manual	1
	CDW/D17A/KIT/H	1 x 7 stand alone CDR duplicator with 80 GB hard drive	Includes: 1–52x CDROM and 7–52x CDRW drives, controller, case, manual	1

## TEAC Internal Optical, FDD and External USB Storage Solutions—Continued

## Product Specifications ▶

Product Type	Model Number	Description	Comments	Case
Stand-alone DVDR Duplicators	DVW/D11A/KIT	1 x 1 stand alone DVDR duplicator	Includes: 1–52x CDROM and 7–52x CDRW drives, controller, case, manual	1
	DVW/D11A/KIT/H	1 x 1 stand alone DVDR duplicator with 80 GB hard drive	Includes: 1–16x DVD-ROM and 1–16x DL DVD-RW drive, controller, case, manual	1
	DVW/D13A/KIT/H	1 x 3 stand alone DVDR duplicator with 80 GB hard drive	Includes: 1–16x DVD-ROM and 1–16x DL DVD-RW drive, controller, case, manual	1
	DVW/D17A/KIT/H	1 x 7 stand alone DVDR duplicator with 80 GB hard drive	Includes: 1–16x DVD-ROM and 7–16x DL DVD-RW drive, controller, case, manual	1
	DVW/D110A/KIT/H	1 x 10 stand alone DVDR duplicator with 80 GB hard drive	Includes: 1–16x DVD-ROM and 7–16x DL DVD-RW drive, controller, case, manual	1
Disc Printing Products	P11/KIT	Thermal, one-color disc printer, retail kit and installation guide, one black ribbon, software	Includes: 1–16x DVD-ROM and 7–16x DL DVD-RW drive, controller, case, manual	1
	P11/MEDIA/KIT	50 pc. blank media, one black ribbon for P11/kit	Includes: USB interface cable, AC adapter	10
	P11/CART/BLACK	Black thermal ribbon for TEAC P11 printer	NA	6
	P11/CART/BLUE	Blue thermal ribbon for TEAC P11 printer	NA	1
	P11/CART/GREEN	Green thermal ribbon for TEAC P11 printer	NA	1
	P11/CART/RED	Red thermal ribbon for TEAC P11 printer	NA	1
P11/CART/MULTIPACK	One each black, red, green, blue thermal ribbon for TEAC P11 printer	NA	1	
<b>Accessories</b>				
Recording Software	CYBER/CD/42216	CDR/RW recording software version 42216	NA	1
	CYBER/COMBO/42216	Combo recording software version 42216, MPEG LA license included	NA	NA
	CYBER/DVW/42216	DVD/CD recording software version 42216, MPEG LA license included	NA	NA
CD-RW/CD-R Media	CDRW/MEDIA/5PK	Non-formatted five-pack jewel case	NA	20
	MO24214-00A	IF conversion board IDE, RoHS-compliant for slimline optical drives	NA	200
	SATA/ADAPTER/L (new)	SATA adapter card for 12.7 mm IDE optical drive (I/F conversion card from IDE to SATA)	NA	100
Product Type	Model Number	Description	RoHS Compliance	Box Lot
Floppy Drives 1.44 MB	FD05UW297	Internal slim USB floppy drive black	Yes	50
	FD05HF8830	Black–green–96 mm width	Yes	50
	FD05HF8830/S	Black–green–96 mm width–white box	Yes	10
	FD05HF8855	AT–green	Yes	50
	FD235HFC810	Pearl white/green	Yes	20
	FD235HFC840	AT–green	Yes	20
	FD235HFC840/S	AT–green–white box	Yes	10
	FD235HFC829	Black–green	Yes	20
	FD235HFC829/S	Black–green–white box	Yes	10
	FD235HFC929	Black–green	Yes	20
	FD235HFC291	PS2–green	No	20
	FD235HFC291/CS	PS2–green–retail box–frame kit	No	10
	FD235HFC291/S	PS2–green– white box	No	10
	FD235HFC891	PS2–green	Yes	20
FD235HFC991	PS2–green	Yes	20	
Floppy Drive–1.44 MB/SCSI	FD235HS1211	AT–amber–2 mode–41 mm–SCSI	No	20
Floppy Drive–1.2 MB	FD55GFR7239	PS2–green	No	10
USB Floppy Drives	FD05PUB/KIT/TI	External USB 1.44 MB floppy titanium drive, installation guide–retail box	Y/N	10
	FD05PUB/KIT/MC	External USB 1.44 MB floppy drive w/7 color sheets (multi-color) with clear top and bottom cover, installation guide, iMac and Windows drivers–retail box	Y/N	10
	FD05PUB/KIT/B	External USB 1.44 MB floppy black drive, installation guide–retail box	Y/N	10
	FD05PUW261	External USB 1.44 MB floppy black drive, bulk	Yes	20
Multi-Card Reader	CA200K00	Internal multi-card reader 13-in-1, black	Yes	20
	CA200/B/S	Internal multi-card reader 13-in-1, black, white box	Yes	10



# TOSHIBA

## Toshiba Small Form-Factor Hard Disk Drives

Toshiba is the undisputed leader in small form-factor hard disk drives (HDD). Our full small form-factor hard disk drive product line continues to push mobile PCs and consumer electronics to new performance heights. Toshiba's superior technical innovations in the mobile 2.5-inch HDD space have helped us bring the versatile 1.8-inch HDD to market.



### Features ▶

- 40 Gb to 120 Gb PATA drives
- 40 Gb to 200 Gb SATA drives
- 20 Gb to 100 Gb 1.8" PATA drives

### Benefits ▶

- PATA 2.5" drives to address legacy designs
- SATA 2.5" drives to address new design-in opportunities
- 1.8" drives to address handheld and small form-factor applications

### Applications ▶

- Personal computer
- Security industry
- Navigation
- Handheld media player
- Test and measurement gear

### Product Specifications ▶

Type	Part Number	Form Factor	Capacity	RPM	Interface	External Connectors
2.5" PATA hard drive	HDD2D10	2.5"	40 GB	5,400	ATA	NA
	HDD2D17	2.5"	60 GB	5,400	ATA	NA
	HDD2D15	2.5"	80 GB	5,400	ATA	NA
	HDD2D08	2.5"	100 GB	5,400	ATA	NA
	HDD2D16	2.5"	120 GB	5,400	ATA	NA
2.5" SATA hard drive	HDD2D39	2.5"	40 GB	5,400	SATA	NA
	HDD2D63	2.5"	60 GB	5,400	SATA	NA
	HDD2D61	2.5"	80 GB	5,400	SATA	NA
	HDD2D37	2.5"	100 GB	5,400	SATA	NA
	HDD2D62	2.5"	120 GB	5,400	SATA	NA
	HDD2D60	2.5"	160 GB	5,400	SATA	NA
	HDD2A30	2.5"	200 GB	4,200	SATA	NA
2.5" PATA temperature enhanced hard drive	HDD2199	2.5"	30 GB	4,200	ATA	NA
	HDD2G01	2.5"	40 GB	4,200	ATA	NA
1.8" PATA hard drive	HDD1662	1.8"	20 GB	4,200	ATA	ZIF
	HDD1642	1.8"	30 GB	4,200	ATA	ZIF
	HDD1682	1.8"	40 GB	4,200	ATA	ZIF
	HDD1724	1.8"	60 GB	4,200	ATA	ZIF
	HDD1764	1.8"	80 GB	4,200	ATA	ZIF
	HDD1789	1.8"	100 GB	4,200	ATA	ZIF