DiamondMax 10 SATA Hard Disk Drive Family

CAPACITIES:

MODEL	ACT CYLS	HDS:SECT	MAX CYLS	MAXLBA	GB CAPACITY
6B080M0	158,816	16:63	16,393	160,086,528	80GB
6B120M0	238,216	16:63	16,393	240,121,728	120GB
6B160M0	317,632	16:63	16,393	320,173,056	160GB
6B200M0	395,136	16:63	16,383	398,297,088	200GB
6B200S0	395,136	16:63	16,383	398,297,088	200GB
6B250S0	486,344	16:63	16,383	490,234,752	250GB
6B300S0	588,422	16:63	16,383	593,129,376	300GB

"M' in model number denotes 8MB buffer
"S" in model number denotes 16MB buffer
SATA = Serial ATA

Attaching SATA Power Cables:

PLEASE NOTE: Unlike standard ATA drives, **Serial ATA (SATA) drives DO NOT require jumpers.** Older systems with 4 pin legacy power connectors, will require a 4 pin to 15 pin power adaptor. The adaptor is included in all Maxtor branded PCI SATA host controller kits, or is generally supplied in new motherboard kits with embedded SATA hosts.
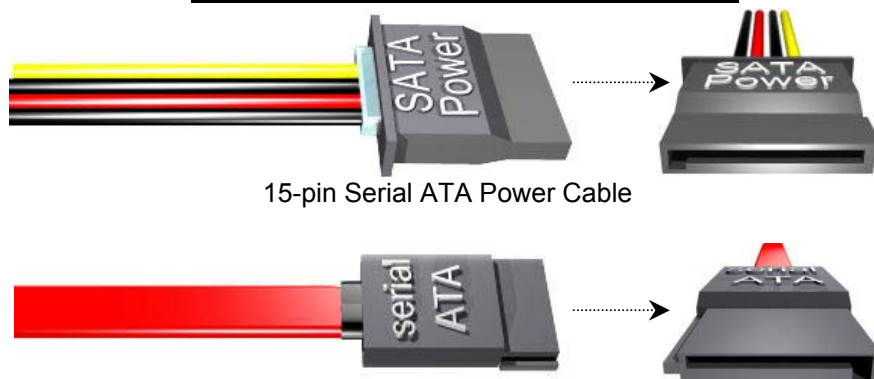
Key Features:

- **SATA II Interface**
- **Native Command Queuing**
- **Burst Data Transfer Speeds up to 150 MB/sec**
- **Up to 300GB capacities**
- **9.3 ms average seek time**
- **8MB & 16MB Cache Buffer**
- **100% FDB Motors**
- **7200 RPM**

Misc Drive Info:

For more information on step-by-step installation procedures, troubleshooting procedures and more go to the Maxtor.com **Knowledge Base**.

GB = 1 billion bytes. Total accessible capacity varies depending on operating environment.

SATA Interface Cable Requirements:

15-pin Serial ATA Power Cable

7-pin Serial ATA interface cable (Gen. 1-/Gen. 2-compliant) up to 1 meter in length