

Fireball SE Mounting Guidelines

Mounting

The mounting holes on the Quantum Fireball SE hard disk drive allow the drive to be mounted in any orientation. Figure 1-1 identifies the location of the three mounting holes found on each side of the drive and the four mounting holes found on the PCB side of the drive. Dimensions given are in millimeters.

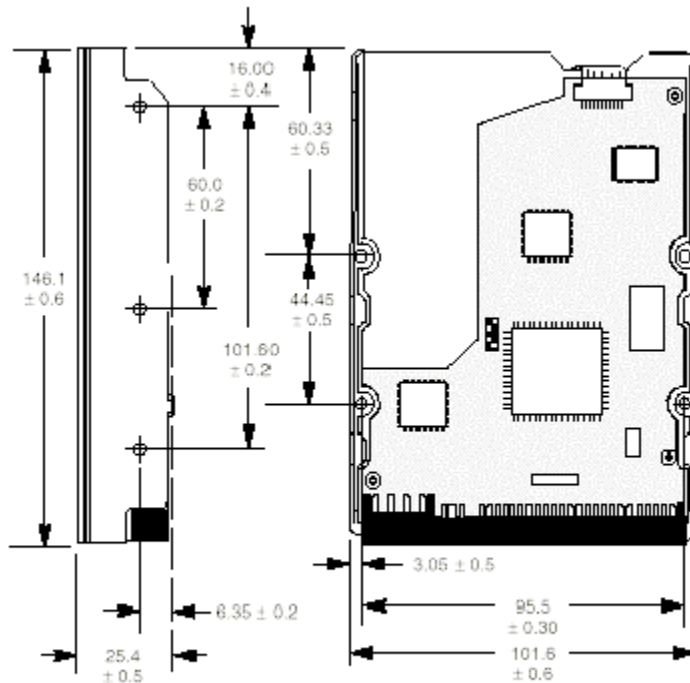


Figure 1-1

Mounting Screw Clearance

Please note that the printed-circuit board assembly (PCBA) is very close to the mounting holes. For mounting #6-32 UNC screws are recommended. Mounting screws should be no longer than 0.25 inches (6.35 mm) and maximum torque applied to the screws must not exceed 8 inch-pounds. Clearance from the drive to any other surface (except mounting surfaces) must be a minimum of 0.05 inches (1.25 mm).

Ventilation

The Quantum Fireball SE hard disk drive operates without a cooling fan, provided the ambient air temperature does not exceed 131°F (55°C). Clearance from the drive to any other surface above and below must be a minimum of 1/16 inch (1.25 mm) to allow airflow.