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| Model | AFD257-M |
| Interface | PATA |
| Connector | 44 pin male |
| Form Factor | 2.5 |
| Operation Mode | |
| Transfer Mode | |
| NAND Flash Type | MLC |
| Capacity | 32GB~256GB |
| External DRAM | No |
| Sequential Read Performance (MB/sec) | Up to 100 |
| Sequential Write Performance (MB/sec) | Up to 90 |
| ECC Engine | Built-in 72-bit per 1K bytes BCH ECC |
| IOPS (4K Random Write) | |
| Standard Operating Temperature (°C) | 0 ~ + 70 |
| Extended Operating Temperature (°C) | -40 ~ + 85 |
| Storage Temperature (°C) | -40 ~ + 100 |
| Housing | |
| H/W Write Protect | |
| Screw Hole | |
| Cable-less Solution | |
| Thermal Sensor | |
| Shock | 1500G (complied with MIL-STD810) |
| Vibration | 15G (complied with MIL-STD810) |
| Operating Voltage | 5 V ± 5% |
| Power Consumption | Active mode: 400 mA & Idle mode: 20 mA |
| Dimension (L x W x H) | 100 x 69.8 x 9.3 (mm) |
| MTBF (hours) | >1,000,000 |