Aopen CD956E 56X CDROM Drive Specs & Product Description

**Disk Data Capacity:** Mode 1: 656MB / Mode 2: 748MB

**Max Play Time:** 74 Minutes and 42 Seconds

**Data Transfer Rate:** Mode 1, Normal Speed 150 KB/s  
Mode 1, 56X-MTRP Speed 3900 KB/s ~ 8400 KB/s  
Mode 2, Normal Speed: 171 KB/s  
Mode 2, 8X CLV Speed 1368 KB/s

**Data Buffer Size:** 128 Kbytes

**MTBF:** 100,000 POH (25% duty cycle at room temperature)

**Disk Format:** CD-Audio, CD-ROM (Mode 1 and 2)  
CD-ROM/XA (Mode 2, Form 1 and Form 2)  
CD-I, MPEG, Karaoke CD, Photo-CD (Single and Multiple Sessions)  

**Disk Size:** 3.15" (80mm) and 4.72" (120mm) discs

**Interface:** E-IDE (Confirms to SFF8020 v1.2) UDMA 33

**Audio Performance:** Sampling Frequency 44.1KHz

**Audio Quantization:** 16 bits

**Power Requirement:** DC 5V+- 5%, DC 12V+- 5%

**Mount Position:** Both Horizontal and Vertical

**Temperature:** Operating: +5°C to +45°C  
Non-operating: -20°C to +55°C

**Dimensions:** 5.87"(W) x 1.65"(H) x 7.74"(D)

**Front Panel:** Load/Eject Button, Play/Skip Button, Power On/Busy LED,  
3.5 mm Stereo Headphone Jack, Rotary Volume Control Knob

**Compliant Rear Panel:** Power Supply Connector, IDE Interface Connector,  
Analog Audio Output Connector (2 stereo channels for each output port), Master / Slave Jumper, Digital Audio Output Connector

**EMI Requirement:** FCC-B, CE, C-tick

**Safety Requirement:** UL, CUL, DHHS, NEMKO

**MTRP-Maximum Transfer Rate Performance:** Boosts read speeds

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