



MOTOROLA DCX3200 PIII

ALL-DIGITAL, MPEG-4, MR-DVR SET-TOP

FEATURES

- M-Card™ (Multi-stream CableCARD) Host support for conditional access
- tru2way™ capable platform
- Compatible with Motorola DCT/DCH legacy software API set
- Single 1GHz digital video tuner (QAM 64/256)
- High-definition (HDTV) decode of MPEG-2, MPEG-4 AVC (H.264), VC-1
- Digital, Dolby® Digital Plus, AAC-LC / HE-AAC, WMA9, MP3
- Audio decode of Dolby®
- MoCA® Home Networking Interface
- Independent 1GHz DOCSIS tuner
- DOCSIS 2.0+ embedded Cable Modem with support for DSG and downstream channel bonding (2 down, 1 up)
- SCTE 55-1 / SCTE 55-2 Out-of-band
- Video scaling (Video-in-Graphics)
- Accelerated 2-D and 3-D graphics
- 64 MB Flash (standard), 512 MB DRAM total (standard)
- Front Panel Power/Standby button
- Front Panel LED displays for Power, Data, Home LAN, Message, and Record
- Clock/Display (4-character, 7-segment)
- Remote and On-screen diagnostics
- Switched Digital Video Capable
- Macrovision®, HDCP, DTCP, and CGMS-A content protection schemes on the respective interfaces



PRODUCT SPECIFICATIONS

GENERAL

Front Panel

Power/Standby button

Power, Data, Home LAN, Message, and Record indicators

Clock/Display (4-character, 7 segment)

IR remote control sensor (Motorola/XMP-1)



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PRODUCT SPECIFICATIONS

STANDARD INTERFACES CONT.

Rear Panel

F - connector for cable input

Side Panel M-Card

HDMI output

YPbPr component output

Baseband composite video output

L/R audio output – variable

Coaxial and Optical S/PDIF digital audio outputs

1394a interface

10/100 Ethernet interface

USB 2.0 Host Type A port

3.5 mm serial port/External IR input

MANUFACTURING OPTIONAL FEATURES

RF4CE

64MB Flash, 1GB DRAM memory configuration

SPECIFICATIONS

RF Input Frequency

54 To 1002 MHz (video and audio)

Memory

64 MB Flash, 512 MB DRAM

Video

Up to 32-bit color, accelerated 2D support, and scalable video-in-graphics

Graphics Resolution

SD outputs 4:3 up to 720x480

HD outputs 16:9 up to 1920x1080

Video Resolution

480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p30, and 1080p60 (HDMI only)

Operating Temperature

50°F to 104°F (15°C to 40°C)

Operating Humidity

5 to 90% (non-condensing)

AC Voltage

105 to 125 VAC, 60 Hz

Power Dissipation

18 W (depending on features)



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PRODUCT SPECIFICATIONS

SPECIFICATIONS CONT.

Audio	Dolby Digital, Dolby Digital Plus, Dolby Volume Leveling HE-AAC, WMA9, MP3 capable
OOB Modulation QPSK	Frequency Agile receiver 70 to 130 MHz Bandwidth 2.0 MHz maximum Level -15 to 15 dBmV
Digital Input Level	64 QAM -15 to 15 dBmV 256 QAM -12 to 15 dBmV
Dimensions	1.8 x 10.4 x 6.3 in. (H x W x D)
Weight	1.75 lbs.