



MOTOROLA DCX3200 PI

HIGH DEFINITION SET-TOP

FEATURES

- M-Card™ (Multi-stream CableCARD) Host support for conditional access
- OpenCable Application Platforms (OCAP™) capable
- 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
- Audio decode of Dolby® Digital, Dolby® Digital Plus, AAC-LC/HE-AAC, WMA9, MP3
- Optional MoCA™ home-networking interface
- DOCSIS 2.0+ embedded Cable Modem with support for DSG and down-stream channel bonding (2 down, 1 up)
- Independent 1GHz DOCSIS tuner
- SCTE 55-1/SCTE 55-2 Out-of-band
- Video scaling (Picture-in-graphics)
- Accelerated 2D graphics
- 64 MB Flash (standard), 256 MB
- Front Panel LED displays for Power, Data, and Record (MoCA™ only)
- Remote and On screen diagnostics
- Switched Digital Video Capable
- Macrovision®, HDCP, DTCP, and CGMS-A content protection schemes on the respective interfaces



PRODUCT SPECIFICATIONS

STANDARD INTERFACES

Front Panel

Power, Data, and Record indicators

IR remote control sensor

USB 2.0 Host Type A port

Rear Panel

F-connector for Cable input

Pre-Installed M-Card™

HDMI™ output

YPbPr component output

Baseband composite video output

RF Remod output (Ch. 3/4)



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PRODUCT SPECIFICATIONS

STANDARD INTERFACES CONT.

Rear Panel

S-video output
L/R audio output - variable
Coaxial and Optical S/PDIF digital audio outputs
USB 2.0 Host Type A port
1394a interface
10/100 Ethernet interface
3.5mm serial port
3.5mm External IR input

MANUFACTURING OPTIONAL FEATURES

DCX3200-M with MoCA™ 1.1 home-networking interface

SPECIFICATIONS

RF Input Frequency

54 To 1002 MHz (video and audio)

Memory

64 MB Flash, 256 MB DRAM

Video

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

Processor

MIPS, RISC-based

Graphics Resolution

SD outputs 4:3 up to 720x480

HD outputs 16:9 up to 1920x1080

Video Resolution

480i, 480p, 720p, 1080i and 1080p 24/30 (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

32 W (depending on features)



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PRODUCT SPECIFICATIONS

SPECIFICATIONS CONT.

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

3.0 x 10.2 x 10.43 in. (H x W x D)

Weight

5.0 lbs.