

TOSHIBA

72MX196

72" (measured diagonally) Cinema Series®
INTEGRATED HDTV DLP® (1080p)

KEY FEATURES

VIDEO

- New TALEN™ (Toshiba Advanced Light Engine) XHD™ 1080p DLP® Engine
- Radiance 150™ Hi-Bright Lamp with Quick Restart™
- PixelPure™ Hi-Bit Digital Video Processing
- XtremeBLAC™ Black Level Control
- 3D Colormaster Color Management System

IMAGE NOT AVAILABLE

AUDIO

- Bottom Speaker Design with Floating Bezel All Black Cabinetry
- SRS® WOW™ (3D, TruBass®, FOCUS®)
- Virtual Dolby Digital®
- StableSound®

CONVENIENCE

- ATSC/NTSC/QAM Digital Television Tuner with CableCARD™ Slot
- Dual HDMI™ Digital Inputs
- 6-Item Illuminated Universal Remote¹
- Improved Channel Browser™
- TV Guide On Screen™

ADVANTAGE TOSHIBA

New TALEN™ XHD™ 1080p DLP® engine gives true 1080p resolution from nearly 2,000,000 pixels, more than twice that of a 720p display. This gives the full range of detail from all HD sources.

3D Colormaster Color Management System offers individual control of the hue, saturation, and brightness for 64 individual colors.

XtremeBLAC™ Black Level Control reduces the black level by up to 75% and restores hue to pixels in dark areas for incredible contrast and great color and detail.

PRELIMINARY SPECIFICATIONS SUBJECT TO CHANGE

72MX196

TECHNOLOGY & BENEFITS

VIDEO

New TALEN™ XHD™ 1080p DLP® Engine - With 2X the resolution, 1080p DLP gives our best DLP picture ever.

XtremeBLAC™ - 2X the contrast yields amazing blacks, with incredible detail.

Radiance 150™ Hi-Bright Lamp with Quick Restart™ - This high quality lamp is 25% brighter, for increased brightness without losing contrast. Quick Restart means that this great picture is only a moment away.

PixelPure™ Hi-Bit Digital Video Processing - Using 12-bit picture processing (up to 14 bit internally), can create 4096 steps of gradation (steps between the whitest white, to the blackest black), and will also incorporate improvements in areas such as: real speed progressive scanning, video noise reduction, sharpness, and gamma control to set a new standard for picture quality.

Four Step Dynamic Contrast - Allows the user to customize the picture based on such factors as source material and ambient lighting conditions.

AUDIO

Bottom Speaker Design with Floating Bezel All Black Cabinetry - Compact cabinet, with great sound from great sounding 30-watt speaker system with separate woofers and tweeters.

StableSound® - Reduces unwanted volume fluctuations (eg. during commercials) by keeping volume within set levels, for easier listening.

SRS® WOW™ (3D, TruBass®, FOCUS®) - Greatly improves audio performance with improved fidelity and wider "sweet spot" for the listener.

Virtual Dolby Digital® - Simulates the sound field reproduced by a 5.1 audio system using only two speakers.

CONVENIENCE

ATSC/QAM/NTSC Tuner with CableCARD™ Slot - Allows tuning of off-air, unscrambled, and scrambled (using cable company provided CableCARD™) for maximum HDTV reception flexibility.

TV Guide On Screen™ - Provides an easy to read, interactive listing of television shows to view or record, along with the supplied IR blaster, greatly simplifies recording to a VCR or DVR, just highlight the show, and begin recording.

Dual HDMI™ Digital Inputs - Includes both uncompressed digital video and digital audio in one convenient cable for connections from today's best home theater components.

PC Monitor Input (15 Pin D-Sub) - For use as a monitor for added flexibility.

Improved Channel Browser™ - View and scan through up to the last 32 channels (or inputs) watched at the push of a button. Now improved to include thumbnails of the content displayed for that channel or input.

THINC™ RJ-45 Network Capability - Allows access, through your existing home network, to your library of JPEG and MP3 files using only the TV's remote control, even through a connected home theater

6-Item Illuminated Universal Remote - This universal remote will operate a home theater system and retains lighting for easier use at night.

¹In some cases, the remote control may not operate additional devices or certain features of such devices, in which case, it is suggested that you use the original remote control for the applicable device.

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SPECIFICATIONS

	Pixel Format (H x V)	1920 x 1080 (xHD5)
	Screen Pitch (mm)	0.15
	Lamp Power (W)	150
	Terrestrial ATSC	X
	NTSC 191 Channels	X
	QAM (135 channel)	X
	480i/480p/720p/1080i input	X
	PC Input	X
VIDEO	VGA (640 x 480)	(60 Hz)
	S-VGA (800 x 600)	(60 Hz)
	XGA (1024 x 768)	(60 Hz)
	AC Input	120V (60 Hz)
	Typical (W)	226
	Active Standby POD card/no-card(W)	28/24
	TV Guide On Screen™	Gemstar
	Reminder / Recording	X
	Closed Caption	X
	V-Chip	X
	Stereo	MTS/SAP
	Picture Modes	X
	1080i / 720p	4 mode (w/o 4:3)
	480i / 480p	5 modes
	Auto Aspect	X
	Double Window	X
	Screen Freeze	X
Comb Filter	3D Y/C	
Real Digital Picture	X	
Magic Square Algorithm	X	
DNR	480i / 480p / 720p / 1080i	
MPEG NR	480i / 480p / 720p / 1080i	
Dynamic Contrast	Low/Middle/High/Off	
Vertical Edge Enhancer	X	
3D-Color Management	X	
Color Temperature Control	X	
Picture Mode (Sports/Standard/Movie/Preference)	X	
Fine Cinema (without HDMI™)	480i	
Lamp Mode (150W/120W)	X	
Game Mode	X	
Surround Sound	X	
SRS® WOW™	X (SRS TruSurround 5.1 digital)	
Dolby Digital®	X (Virtual Dolby Digital®)	
Audio Output Power	30 Watts	
AUDIO	Two Way Speaker System	X
	IR Pass Through	X
	G-Link	X
	CableCARD™	X
	Service Port	(SD conector)
	Clock	X
	On / Off / GameTimer™	X
	Sleep Timer	X
	Panel Lock	X
	No Signal off / mute	X
CONVENIENCE	Selectable Picture	X
	Channel Return	X
	Channel Browser	X
	Auto Search Memory	X
	Trilingual OSD	X
	Picture Viewer (JPEG file playback)	Ethernet
	Audio Player (MP3 file playback)	Ethernet
	RF Input	2
	Audio/Video Inputs	2
	S Video Inputs	2
ColorStream® HD Inputs	2	
HDMI™ Digital Inputs	2	
PC Input (15 Pin D-Sub)	X	
PC Audio Input	X	
Video Output	X	
Variable Audio Output	X	
TERMINALS	Digital Audio Output	OPTICAL
	RJ-45 Ethernet	1
	IR-Cable	yes (1)
	Remote	CT-90256
	Unit (WHD) inches	65 13/16 x 44 1/6 x 21 11/16
	Carton (WHD) inches	71 11/16 x 49 1/16 x 25 13/16
	Weight (lb)	122
	Weight (lb) (Carton)	154
	UPC Code	022265251492