

Model No		DM32E		
Picture				
Panel	Diagonal Size	32"		
	Type	60Hz D-LED BLU		
	Resolution	1920x1080 (16:9)		
	Pixel Pitch(mm)	0.12125(H) x 0.36375(V)		
	Active Display Area(mm)	698.4(H) x 392.85(V)		
	Brightness(Typ.)	400nit		
	Contrast Ratio(Typ.)	5000:1		
	Viewing Angle(H/V)	178/178		
	Response Time(G-to-G)	8ms		
	Display Colors	10bit Dithering - 1.07Billion		
Color Gamut	0.72			
Operation Hour	24/7			
Display	Dynamic C/R	50,000:1		
	H-Scanning Frequency	30 - 81kHz		
	V-Scanning Frequency	48 - 75Hz		
	Maximum Pixel Frequency	148.5MHz		
Sound	Speaker Type	Built in Speaker(10W x 1)		
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D(HDMI Common)	
		VIDEO	HDMI1	
		AUDIO	Component(CV/BS Common)	
		USB	Stereo mini Jack	
	OUTPUT	RGB	USB 2.0 x 1	
		VIDEO	N/A	
		AUDIO	N/A	
		Power Out	Stereo mini Jack	
	EXTERNAL CONTROL	RS232C(in/out) thru stereo jack, RJ45		
	EXTERNAL SENSOR	IR, Ambient Light		
Power	Type	Internal		
	Power Supply	AC 100 - 240 V- (+/- 10 %), 50/60 Hz		
	Consumption	Max[W/h]	77	
		Typical[W/h]	55 (w/w), 30 (us), 57 (kor)	
		BTU(Max)	262.57	
		Sleep mode	less than 0.5W	
Off mode	less than 0.5W			
Mechanical Spec	Dimension (mm)	Set	721.4 X 420.3 X 49.9	
	Weight (kg)	Set	4.8	
		Package	815 X 491 X 132	
	VESA Mount	Set	5.9	
		Package	200*200mm	
	Protection Glass	N/A		
	Stand Type	Foot Stand (Optional)		
	Media Player Option Type	Embedded, SBB(Not Attachable)		
	Bezel Width (mm)	10.5 (Top/Side), 15.0 (Bottom)		
	Operation	Operating Temperature	0°C - 40°C	
	Humidity	10-80%		
Feature	Key	Slim & Light LFD with Built-in MagicInfo Player, S3 Super Clear Coating, Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 1), WiFi Module Embedded, SD Card Slot, Tuner(only for NA, KR)		
	Special	HW	Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, Built in MagicInfo Player S3, Firmware Update by Network, LFD New Home Screen, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter	
		SW		
	Internal Player (Embedded HW)	Processor	Cortex-A9 1GHz Quad Core CPU	
		On-Chip Cache	L1 (I/D) : 32KB / 32KB	
		Memory	L2 (Unified) : 1MB	
		Clock Speed	1GHz CPU Quad	
		Main Memory Interface	1.5GB	
		Graphics	Dual 48bit DDR3-933 (1866MHz) 2D & 3D Graphics Engine - Up to 1920x1080, 32bpp - Supports OpenGL ES	
		Storage	8GB (2.65GB Occupied by OS, 5.35GB Available.) Video Decoder	
Multimedia		- MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG, VP8 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.		
IO Ports	USB 2.0			
Operating	Samsung Proprietary OS(VDLinux)			
Certification	Safety	CB (Europe) : IEC60950-1/EN60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : PSB+IEC60950-1 NOM (Mexico) : NOM-001-SCFI-1993 IRAM (Argentina) : IRAM+IEC60950-1 SASO (Saudi Arabia) : SASO+IEC60950-1 BIS(India) : IEC60950-1 / IS13252 NOM(Mexico) : Tuner : NOM-001-SCFI-1993 Tunerless : NOM-019-SCFI-1998 KC(Korea) : K 60950-1 EAC(Russia) : EAC+IEC60950-1 INMETRO(Brazil) : INMETRO+IEC60950-1 BSMI(Taiwan) : BSMI+IEC60950-1 RCM(Australia) : IEC60950-1/AS/NZS 60950-1		
		CSA (Canada) : cUL UL(USA) : cUL60950-1 TUV (Germany) : CE NEMKO (Norway) : CE		
	EMC	FCC (USA) Part 15, Subpart B Class A CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 VCCI (Japan) : VCCI V-3 /2010.04 Class A KCC/EK (Korea) : Tuner : KN13 / KN20 Tunerless : KN22 / KN24 BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS1497Z (Digital) C-Tick (Australia) : AS/NZS CISPR22:2009 CCC(China) : GB9254-2008 GB17625.1-2012 GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003		
		ENERGY STAR 7.0 (USA)		
Accessories	Included	Quick Setup Guide, Regulatory Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Cover-Jack, Screw (M3L8, 1EA) (M4L8, 4EA)		
	Optional	Stand	STN-L3240E	
		Mount	WMN4070SD, WMN450MD	
	Specialty	CML400D (Ceiling Mount)		
Media Player	CPU			
	N/B			
	S/B			
	GPU			
	FD/HD			
	Memory			
	Ethernet			
Connectivity	USB			
	Output			
	Others	SBB (Optional)		