

Samsung VM46B-U LCD Indoor

Brand : Samsung

Product family: VMB-U

Product code:
LH46VMBUBGBXEN

Product name : VM46B-U



46", IPS FHD (1920 x 1080), 1200:1, 8 ms, 45000:1, 24/7, HDMI, USB, LAN, 1022 x 577 x 69.9 mm
Samsung VM46B-U. Display diagonal: 116.8 cm (46"), Display resolution: 1920 x 1080 pixels, Display technology: LCD, Display brightness: 500 cd/m², HD type: Full HD, Operating hours (hours/days): 24/7.
Product colour: Black

Display		Ports & interfaces			
Display technology *	LCD	USB ports quantity	1		
Display diagonal	116.8 cm (46")	HDCP	✓		
Display resolution	1920 x 1080 pixels	HDCP version	2.2		
HD type	Full HD	IR input ports quantity	1		
Panel type	IPS	Audio input	✓		
Aspect ratio	16:9	Audio output	✓		
Pixel pitch *	0.53 x 0.53 mm				
Display brightness *	500 cd/m ²	Power			
Pixel frequency	82 MHz	Power consumption (typical) *	160 W		
Contrast ratio (typical)	1200:1	Energy efficiency scale	A to G		
Contrast ratio (dynamic)	45000:1	Energy efficiency class (SDR)	G		
Response time	0.008 s	Energy consumption (SDR) per 1000 hours	128 kWh		
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V		
Viewing angle, vertical	178°	AC input frequency	50 - 60 Hz		
Horizontal scan range	62.7 - 72.3 kHz	Operational conditions			
Vertical scan range	57 - 63 Hz	Operating temperature (T-T)	0 - 40 °C		
Operating hours (hours/days)	24/7	Operating relative humidity (H-H)	10 - 90%		
Design		Logistics data			
Placement supported *	Indoor	Harmonized System (HS) code	85285210		
Orientation *	Landscape/Portrait	Sustainability			
Bezel width (side)	1.25 mm	FCC (USA) Part 15, Subpart B Class ACE (Europe) : EN55032 : 2012 or 2015 □ EN55024:2010 or EN 55035:2017VCCI (Japan) : VCCI CISPR32:2016 Class BKCC/EK (Korea) : Tuner : KN13 / KN20Tunerless : KN22 / KN24BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS14336-1 (ITE Safety) / CNS15663 (RoHS)C-Tick (Australia) : AS/NZS CISPR32:2015CCC(China) :GB/T9254-2008, GB17625.1-2012GOST(Russia/CIS) : ROCT CISPR 24-2013/ROCT CISPR 22:2005			
Bezel width (top)	2.25 mm				
Bezel width (bottom)	2.25 mm				
VESA mounting	✓				
Panel mounting interface	600 x 400 mm				
Product colour	Black				
Panel colour	Black				
Ports & interfaces				Certification	
HDMI ports quantity	2				
HDMI version	2.0				
DVI port	✓				
DisplayPorts quantity	1				
DisplayPort version	1.2				
Ethernet LAN	✓				
		Weight & dimensions			
		Width	1022 mm		

Ports & interfaces		Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Depth	69.9 mm
RS-232 input ports	1	Height	577 mm
RS-232 output ports	1	Weight	15.7 kg
RS-232C	✓	Packaging data	
USB port	✓	Package width	1193 mm
		Package depth	257 mm
		Package height	719 mm
		Package weight	22.2 kg



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