

MAXHUB Digital Signage ND50CMB Datasheet

V1.3



Display

Model	ND50CMB
Screen Size	50"
Aspect Ratio	16:9
Panel Type	VA
Backlight	DLED
Pixel Pitch	0.285 (H) × 0.285 (V) mm
Display Area	1095.84 (H) × 616.41 (V) mm
Brightness (Typ.)	500 nits
Haze	25%
Resolution	3840 × 2160
Refresh Rate	60 Hz
Contrast Ratio (Typ.)	5,000:1
Contrast Ratio (Dynamic)	1,000,000:1
Viewing Angle (H × V)	178° / 178°
Color Gamut	98% sRGB
Display Orientation	Landscape / Portrait
Response Time	6.5 ms
Life Time (50%)	> 50,000 hours
Operation Hour (Hour / Day)	24 / 7
Display Color	1.07B (10bit)
Sensor	Ambient light sensor

Audio

Sound Channel	2.0
Speaker Power	2 × 12W (Output) 2 × 16W (Maximum)

Built-in System

Operating System	Android 14.0
CPU	A73 × 4, 1.8GHz
GPU	G57 MC1
APU	1.5 TOPS
RAM	4 GB
ROM	32 GB

Connectivity

Input	HDMI IN × 3	2.0, up to 4K@60Hz, CEC, ARC (HDMI 1)
	USB 2.0 × 1	For external peripherals
	USB 3.0 × 1	For external peripherals
	USB Type-C × 1	Video and audio transmission, 65W PD charging, LAN network sharing
	AUDIO IN × 1	3.5mm Jack
Output	RS232 × 1	DB-9
	RJ45 IN × 1	10M / 100M / 1000Mbps
	HDMI OUT × 1	Up to 4K@60Hz, not supported in Android and HDMI 1 channel
	AUDIO OUT × 1	3.5mm Jack
	SPDIF × 1	PCM output format
Wi-Fi Module Slot	RJ45 OUT × 1	10M / 100M / 1000Mbps
	Wi-Fi Module Slot	Module slot × 1
Wi-Fi Module (SI07B)		Wi-Fi 6 supported 802.11ac/b/g/n/a/ax, 2.4GHz/5GHz
Bluetooth		5.2

Feature	
System OS	MAXHUB Signage OS V2
Screen Share	MAXHUB Share Support BYOD / Miracast / Airplay / Chromecast
Device Management	MAXHUB Pivot
Protocol Control	RS232 / IP control Compatible with control systems (Crestron, Q-SYS, and Extron)
Special Features	Screen rotation / Auto input change / Play via URL / Wake on LAN / Color Calibration

Accessory	
Power Cord	3 m × 1
HDMI Cable	3 m × 1
Remote Control	× 1
Display Bracket	× 2
Wall Mount Bracket	× 1
Wi-Fi Module	× 1

Certifications	
Environment	Energy Star
IP Rating	IP5X
Crestron Connected	Yes
NDI	HX2/HX3 2160p60 2-ch Audio
Safety	IEC62368-1
EMC / ErP	Class B / Yes

Physical Specification	
Bezel Width	9.9 mm / 0.39 inch (Even)
Dimension (W × H × D)	1118.6 × 639.2 × 62 mm 44.0 × 25.2 × 2.4 inch
Shipping Dimension (W × H × D)	1242 × 734 × 156 mm 48.90 × 28.90 × 6.14 inch
Thickness of Machine and Wall Mount	90 mm / 3.54 inch (WIB4740A)
VESA	400 × 400 mm
Net Weight	11.68 kg / 25.75 lb
Gross Weight	17.5 kg / 38.58 lb

Environmental Conditions	
Operating Temperature	0°C ~ 40°C / 0°F ~ 104°C
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Operating Humidity	10% ~ 90% RH
Storage Humidity	10%~ 90% RH
Altitude	Below 5000 m

Power	
Power Supply	100-240V~50/60Hz
Standby Power	≤ 0.5 W
Power Consumption (Energy Saving)	49 W
Power Consumption (Typ.)	65 W
Power Consumption (Max.)	110 W

Warranty	
Display	3 years warranty

Statement

Size and weight vary by configuration and manufacturing process, please refer to the actual product. The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product. The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance. Should the above-mentioned change in the document become necessary, the document may be updated without written notice.