



High End Interactive Technology
CLASS ROOMS | TRAINING ROOMS | BOARD ROOMS

86W71B-B Series



Wireless



Finger
Touch



Pen
Touch



Tough
Screen

Android 14 

www.onfocus-tech.com

Model: 86W71B-B Specifications

	items	Parameter	
(Display)	LCD(Size)	86"	
	(Backlight Type)	D-LED	
	(Resolution)(pixels)	3840x2160(pixels)	
	(Brightness)	350cd/m ² (min.)	
		400cd/m ² (typ.)	
	(ContrastRatio)	1200:1(typ.)	
	(ResponseTime)	8ms(typ.)	
	(PixelPitch)(mm)	0.4935(H)x0.4935(V)	
	(Refreshing Frequency)	60Hz	
	(Viewing Angle)	178°(H)/178°(V)	
	(LifeTime)	50,000hrs(min.)	
	(Color Gamut)(X%NTSC)	72%(typ.)	
	(View Area)(mm)	1895.04(H)x1065.96(V)	
	1895.04(H)x1065.96(V)	1.07B(10bit)	
	(Chipset)	GK6780V100	
	CPU	(Architecture)	Cortex-coreA55
		(Working Frequency)	Max1.5GHz
		(Core)	(Octa-core)
	GPU	MaliG52	
	(RAM)	4GB(Standard : 4GB) DDR4 8GB(Optional : 8GB) DDR4	
(ROM)	32GB (Standard : 32GB) 64/128GB(Optional : 64/128GB)		
(OS)	Android14.0		
(Electrical)	(Power Requirements)	AC176V~264V,50/60Hz	
	(OPS) (Power Consumption Without OPS)	350W	
	(Standby Condition)	<0.5W	
	(Audio Output Power)	2x15W/8Ω	
	OPS (OPS Power)	DC18V/5A	

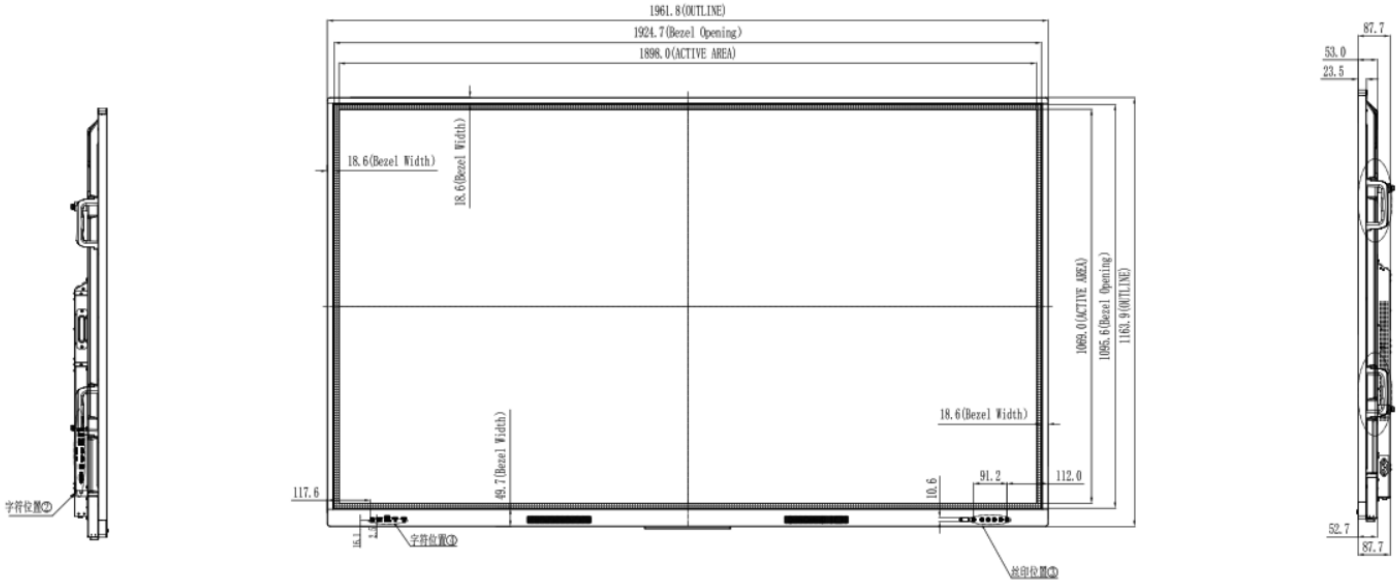
(Interface)	HDMIIN	×2	(MaxResolution): 3840×2160@60Hz (Version) : HDMI2.0
			HDMI1 ARC (HDMI1SupportARC)
	LINEOUT	×1	Analog audio output interface
	LAN	×1	10M/100M (10M/100MMbps Base-T) (Interface):RJ-45
	USB2.0	×1	USB2.0,
		×1	Pub USB2.0
	TOUCH	×1	HDMI Touch Touch portfor HDMI (Interface) : USB2.0Type-B
	TF	×1	External 2.0TF, can support 256G
	RS232IN	×1	RS232Input (Interface) : DB9
	Coaxial (Optical)	×1	Coaxial audio output
	MICIN	×1	Analog microphone input
HDMI OUT	×1	(MaxResolution) : 3840x2160@60HZ (Version):HDMI2.0 ; All signals can be Loop outed by HDMI OUT	
(Front Interface)	Type-C	×1	Poweroutput : 15W Supports audio and video transmission USBdisk Interface:Type-C
	Public USB	X2	Version:OPSSupport2.0; AndroidSupport3.0 Interface : Type-A
	Touch-USB	×1	Touch interface for HDMI Interface:USB2.0Type-B
	HDMIIN	×1	Version:HDMI2.0 Upto3840x2160@60Hz

WIFI (standard)	(Main Chipset)	MediatekMT7663BU
	(Operating Frequency)	2.4GHz/5GHz
	Wi-Fi (Wi-Fi Standard)	802.11a/b/g/n/ac
	(Bluetooth)	2.1+EDR/4.2/5.1
WIFI (Dual WiFi) (optional)	(Main Chipset)	MediatekMT7663BU+RealtekRTL8822BU
	(Operating Frequency)	2.4GHz/5GHz
	(Wi-Fi Standard)	802.11a/b/g/n/ac
	(Bluetooth)	2.1+EDR/4.2/5.1
WIFI (optional)	(Main Chipset)	RTL8852BU/EA6521QF
	(Operating Frequency)	2.4GHz/5GHz
	WIFI (WI-FI Standard)	802.11a/b/g/n/ac/ax
	(Bluetooth)	2.1+EDR/4.2/5.1/5.2
(Structure)	(Product Size(WxDxH))	1961.8mmx87.7mmx1169.9mm
	(Package Size(WxDxH))	2095mm×185mm×1265mm
	(Housing Material)	(Aluminum/Metalplate)
	(Housing Color)	(Black/Black)
	(VESA)	4-M8 800mmx600mm (4-M8ScrewHole800mmx600mm)

(Touch)

(Sensing Type)	(Infrared Touch Frame)
(Surface Protection)	3.2mm (3.2mm Toughened Glass)
(Infrared Touch)	40 (40 Points)
(Interpolation Resolution)	32768x32768
(Touch Accuracy)	90% ±1mm(±1mm)
(Response Time)	≤5ms
(Output Mode)	HID (HID Standard)
(Theory Clicks)	(Unlimited)
(Minimum Touch Object)	≥2.0mm(Single touch≥2.0mm)
	≥2.8mm(Multiple touch≥2.8mm)
(Connect Type)	USB2.0 (USB2.0 Full Speed)
(Voltage)	DC+5V±5%
(Power Consumption)	≤2W
Windows11/10/8/7,Android	(Multiple Touch)
WindowsXP,Linux,MacOSX,Chrome	Single Touch)

(Accessories)	(Quantity)
(Touch Pen)	x2
(Remote Control)	x1
3m (Power Cord)	x1
3m USB A-B (USB A-B Cable)	x1
3m HDMI (HDMI Cable)	x1
(Qualified Certificate Lable)	x1
(Warranty Card)	x1
(Wall Mount)	x1



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