

86 inch (8GB/128 GB)



Connoi ® 86" Interactive Flat Panel Display-CGT86



FEATURES

- Perfect 4K resolution.
- Zero bonding technology for the natural writing experience.
- Front audio stereophonic speaker.
- Industrial grade aluminum frame.
- Multiple signal input HDMI, SPDIF, RS232, AV I/O, Earphone.
- Infrared touch technology for a rich writing experience.
- Password Lock protected.
- 450 cd/m² (±5%) high brightness.
- built-in Android 14 OS, and Windows OS optional.
- 4mm protect glass and anti-scratch.
- 20 points touch, 5ms response.
- With Built-In HDMI OUT slot.



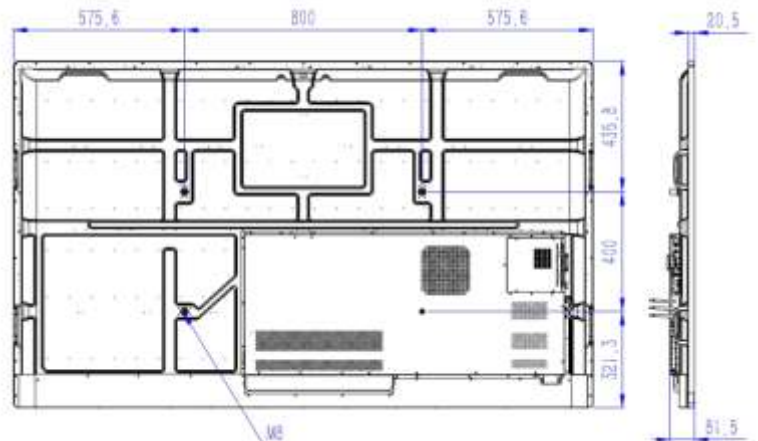
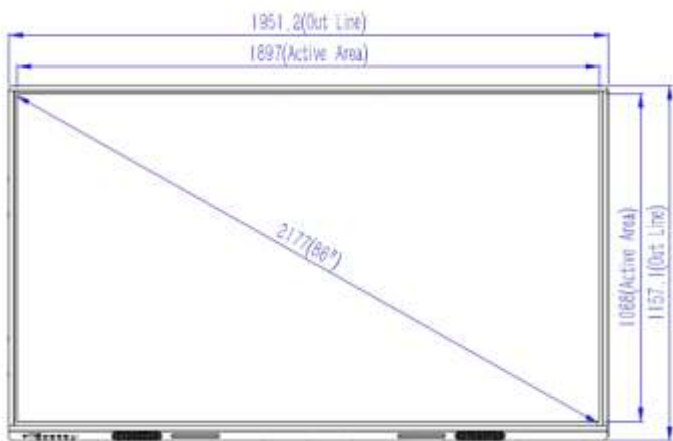
INTERACTIVITY

Touch Technology	Infrared Touch
Touch Method	Finger & Stylus
Vellum Touch Technology	Yes
Continuous Touch Points	20 Points (Android), 40 Points(Windows)
Touch Resolution	32768 x 32768px

Response Time	1mm
Touch Accuracy	4m/s
Tracking Rate	200Hz
Scan Rate	Yes
Plam Erase	Including Whiteboard, Annotate, Tiimer, Calculator, Split Screen, Record,
Classroom Essential Apps	Spimer, Screen, Capture, Screen Recorder, Screen Share, Browser, PDF, Reader, Media Player, Screen Cast, etc.
COMPUTING	
Operating System	Android 14
RAM	8 GB
Internal Storage	128 GB
CPU	HiSillicon Octa-core Cortex A-55, 1.5 GHz
GPU	Mali-G52 MP2 (2EE)
Chipset	G6780-V100
OSD Language	English, Hindi, Traditional Chinese, Arabic, Spanish, French, Italian, Japanese, Portuguese, Russian, etc.
Video / Picture Decoding	- AVS2 MP-10@L8.2, 4Kx2K@60fps
	- ITU-TH.265 Main 10Profile@Level 5.1 High-tier, 4Kx2K@60fps
	- VP9 Profile 2 10-bit, 4Kx2K@60fps
	- SHVC, ATSC 3.0(For H.265)
	- FHD HFR(For H.265)
	- H.264 AVC HP@L5.1 up to 4Kx2K@30fps
	- H.264 MVC up to 1080P@60fps
	- MPEG-2 SP@ML,MP@HL, up to 1080P@60fps (ISO-13818)
	- MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
	-SuperClear, smooth edge
	-Support 2D to 3D detection
	-Support 0D/1D/2D Local Dimming
	-Support Ambi-Light
	-Support video rotation
	- AVS2 MP up to 4Kx2K@60fps
	- MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)
	- WMV/VC-1 SP/MP/AP up to 1080P@60fps
	- AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps
	- Multiple language and multiple format sub-title video support
	- MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918)
	- Supports JPEG thumbnail, scaling, rotation and transition effects
	- Supports *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4 and *.jpg file formats
	- Independent JPEG and H.264 encoder with configurable performance/bit-rate
Picture / Video Decoding	- JPEG image encoding
	- H.264 video encoding up to 1080P@30fps with low latency
AUDIO & CAMERA	
Dual Front-Facing Speakers	2 x 20W

DISPLAY	
Screen Size	86"
Resolution	3840 x 2160
Bonding Technology	Zero Bonding
Display Orientation	Landscape (Portrait display option)
Screen Type	TFT LCD
Backlight	Direct LED (DLED)
Pixel Pitch	1.0052mm x 1.0052mm
Blue Light Reduction	Yes
Bonded Glass	Yes
Aspect Ratio	0.672916667
Display Area	1897 x 1068 mm (74.6 x 41.9 in)
LCD Viewing Angle	178° H/V
Response	5ms
Refresh Rate	60Hz
LED Lifespan	60,000* Hours
Contrast Ratio	5000:1 Dynamic, 1200:1 Static
Brightness	450cd/ (±10%)
Glass Hardness	8H (Pencil), 7 (Mohs)
Glass Type	Heat tempered, Anti-Glare
NETWORK	
LAN in (RJ45)	10/100Mbps
Wake-on-LAN	Yes
Wi-Fi	IEEE802.11A / b / g / n / ac,2.4G, 5G
Bluetooth	5.0
CONNECTIVITY	
HDMI In (Rear)	2 x HDMI 2.0 version
HDMI In (Front)	1 x HDMI 2.0 version
HDMI OUT (Rear)	1 x HDMI 2.0 version
RS-232	1
SPDIF OUT	1
Line in / Mic in (3.5mm)	1
Line Out / Earphone(3.5mm)	1
USB-B 3.0 (Rear)	1
USB-B 2.0 (Rear)	1
USB-A 2.0(Touch out rear)	1
USB-A 2.0(Touch out Front)	1
USB-B 2.0(Front)	3 (Both work on Android and OPS)
USB-C 2.0 (Type-C Front)	1 (Work as USB 2.0)
Light Sensor	Yes
PANEL MANAGEMENT	
OTA Updates	Yes
DMS (Integrate Display Management System)	<ul style="list-style-type: none"> • IFPD information (IFPD Location, IP, MAC, Operation System version, Specification, etc.) • User management • IFPD Device management(Power on/off, Screen Lock, Sent Message, Program workflow,

	<ul style="list-style-type: none"> • Setting Parameters, Install/Uninstall APK, Upgrade firmware, etc)
	<ul style="list-style-type: none"> • Running log
	<ul style="list-style-type: none"> • Group management
PHYSICAL SPECIFICATIONS	
Handel	4
Panel Net Weight (Kg)	72
Packed Weight (Kg)	87
Panel Dimensions (W x H x D)mm	1951.2 x 1157.1 x 81.5
Packed Dimensions (W x H x D)mm	2060 x 185 x 1290
VESA Mount Point mm	800 x 400
POWER	
Power Requirements	100V ~ 240V AC, 50/60HZ
Energy star power Consumption	310W
Power Consumption (Standby)	0.5W
Ultra-Quiet Fanless Design	Yes
ENVIRONMENTAL	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-15° to 55°C (-5°F to 131°F)
Operating Humidity	20% to 80% non-condensing humidity
Storage Humidity	20% to 90% non-condensing humidity
PACKED CONTENTS	
Kit	1 x IFPD Panel, 1 x Remote Controller, 1 x Wall Mount Bracket, 2 x Stylus, 1 x Power Cable, 3 x Antenna.
TECHNICAL DRAWINGS	



(Unit : mm)

* Note: Product specifications are subject to change without prior notice.