



Horizon

Introducing the next generation of intelligent ultra-wide interactive touchscreens.

SPECIFICATIONS

SKU:	CBIH92	CBIH105
LCD Size	92"	105"
DISPLAY		
Screen Type	LCD	LCD
Glass Type and Thickness	3mm tempered glass - Mohs Level 7	3mm tempered glass - Mohs Level 7
Glass Protection	Anti-glare 28%	Anti-glare 28%
Backlight Type	D-LED	D-LED
Orientation	Landscape	Landscape
Aspect Ratio	21:9	21:9
Resolution (H)/(V)	5120x2160	5120x2160
Android Resolution	5K	5K
View Area (H)/(V)mm	2141.92 x 903.63	2449.92 x 1033.56
Brightness (cd/m2)	450	400
Contrast Ratio	5000:1	4000:1
LCD Refresh Rate (Hz)	60	60
Viewing Angle (°)	178	178
Life of Screen (Hrs)	50,000	50,000
Response Time	>6.5ms	>6.5ms
Display Colours (10bit)	1.07	1.07
Colour Gamut	90%	90%
Bezel Colour	Black/Grey	Black/Grey
Bezel Buttons	Anti-microbial coating	Anti-microbial coating



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SKU:	CBIH92	CBIH105
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INTERACTIVITY		
Touch Type	Infrared Recognition	Infrared Recognition
Touch Points	50	50
Touch Resolution	32767 x 32768	32767 x 32768
Touch Accuracy	1mm	1mm
Response Time	<5ms	<5ms
Windows with Microsoft Ink Support	Yes - multi touch	Yes - multi touch
Chromium, Linux	Single-touch	Single-touch
MacOS	Dual Gestures	Dual Gestures
Touch Tool	Finger, Passive Stylus, Eraser, Palm	Finger, Passive Stylus, Eraser, Palm
Pen Type	2 x Dual Tip Stylus	2 x Dual Tip Stylus
Pen Tip Diameter	3mm/7mm	3mm/7mm
Pen & Touch Differentiation	Yes	Yes
Pen Holders	Integrated magnetic holders	Integrated magnetic holders
Annotate Anywhere	Yes	Yes
Palm Rejection	Yes	Yes
Pressure Sensing	Yes	Yes
AUDIO		
Speaker Type	Front facing	Front facing
Sound channel	2.1	2.1
Speaker (W)	2 x 20W	2 x 20W
Subwoofer	15W	15W



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LCD Size	92"	105"
MICROPHONE		
Line Array	8	8
Distance of Pick Up (m)	8	8
COMPUTE AND CONTROL		
Operating System	Android 13	Android 13
System Version	CommBox OS - Lite	CommBox OS - Lite
RAM	8GB	8GB
ROM	64GB	64GB
ARCHITECTURE	Dual Quad Core Processor	Dual Quad Core Processor
RS232 Control	Yes - Baud rate 9600	Yes - Baud rate 9600
IP Control	Yes	Yes
Wake on Lan	Yes	Yes
Remove Device Management	Yes - CommBox Manage	Yes - CommBox Manage
POWER		
Power Requirements	240V	240V
Power Consumption	330W	410W
Power Consumption w' OPS	800W	360W
Stand by	<0.5W	<0.5W
CONNECTIVITY		
WIFI Chipset	Removable WIFI 6 Module	Removable WIFI 6 Module
WIFI Operating Frequency	2.4GHz/5GHz	2.4GHz/5GHz
WIFI Standard	802.11ac/b/g/n/ax	802.11ac/b/g/n/ax



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WIFI Operating Distance	0-10m	0-10m
Bluetooth Version	5	5
Bluetooth Operating Frequency	2.4GHz	2.4GHz
Bluetooth Operating Distance	0-10m	0-10m
INPUT AND OUTPUTS		
Front		
USB-A 3.0	2	2
USB Type-C	1 - Data, 15W charging, Ethernet	1 - Data, 15W charging, Ethernet
Back		
HDMI In	3 - Up to 4K@60HZ 1 - Up to 5K@60Hz	3 - Up to 4K@60HZ 1 - Up to 5K@60Hz
Display Port In	1	1
HDMI Out	1 - 4K Out	1 - 4K Out
USB-A 2.0	1	1
USB-A 3.0	4 - 2 top, 2 side	4 - 2 top, 2 side
USB-B Touch	3	3
USB Type-C	1 - Data, 100W charging, Ethernet	1 - Data, 100W charging, Ethernet
Audio In	1 - 3.5mm	1 - 3.5mm
Audio Out	1 - 3.5mm	1 - 3.5mm
S/PDIF Out	1	1
RS-232	1	1
LAN In (RJ45)	1 - 1000MB/sec	1 - 1000MB/sec
LAN Out (RJ45)	1 - 1000MB/sec	1 - 1000MB/sec
OPS Slot	1	1



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SKU:	CBIH92	CBIH105
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STRUCTURE		
Housing Material	Aluminium Plate	Aluminium Plate
Product Size (mm)	2203 x 1000 x 89	2507.2 x 1130.1 x 103.2
Package Size (mm)	2360 x 1140 x 225	2668 x 1305 x 280
Thickness of Machine and Wall Mount (mm)	119mm	148.2
Net Weight (kg)	67.60	91.4
Gross Weight (kg)	88.50	119.5
VESA (mm)	800 x 600	1000 x 400
Wall-hanging screw spec	M8 x 25mm	M8 x 25mm
ENVIRONMENTAL CONDITIONS (DISPLAY + WIFI MODULE)		
Operation Temperature (°C)	0 - 40	0 - 40
Operation Humidity (RH)	10% - 90%	10% - 90%
Storage Temperature (°C)	-20 - 60	-20 - 60
Storage Humidity (Rh)	10% - 90%	10% - 90%
Altitude (m)	Below 5000	Below 5000



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WHAT'S IN THE BOX	
Amount	Accessories
2X	AAA Batteries
1X	Remote
2X	Stylus with antimicrobial coating
1X	3M powercord - AU/NZ
1X	3M powercord - UK
1X	3M USB A-B touch cable
1X	3M USB-C cable
1X	3M HDMI cable
1X	CommBox Eraser
1X	WIFI Module
1X	Wall Bracket and Mounting Kit

PRE-INSTALLED APPLICATIONS
CommBox OS - Lite
CommBox Tools
CommBox Connect
CommBox Store
CommBox Whiteboard
CommBox Picture in Picture
CommBox Screen Recording
CommBox Cloud Drives
CommBox Manage - 7 Year Licence

CERTIFICATIONS	
Certifications	RoHS, RCM, CE, CB
Cyber Certifications for CommBox OS	CASA Tier 3 Lab Verified

COMMBOX EXPERIENCE	
Warranty	5 Year Warranty
Training	Unlimited FREE virtual training for the life of the screen
Support	Same business day help desk support

*All information and specs contained on this document are correct at time of publication