



## Horizon

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

### SPECIFICATIONS

SKU:	CBIH92	CBIH105
LCD Size	92"	105"
<b>DISPLAY</b>		
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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<b>INTERACTIVITY</b>		
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
<b>AUDIO</b>		
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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<b>MICROPHONE</b>		
<b>Line Array</b>	8	8
<b>Distance of Pick Up (m)</b>	8	8
<b>COMPUTE AND CONTROL</b>		
<b>Operating System</b>	Android 13	Android 13
<b>System Version</b>	CommBox OS - Lite	CommBox OS - Lite
<b>RAM</b>	8GB	8GB
<b>ROM</b>	64GB	64GB
<b>ARCHITECTURE</b>	Dual Quad Core Processor	Dual Quad Core Processor
<b>RS232 Control</b>	Yes - Baud rate 9600	Yes - Baud rate 9600
<b>IP Control</b>	Yes	Yes
<b>Wake on Lan</b>	Yes	Yes
<b>Remove Device Management</b>	Yes - CommBox Manage	Yes - CommBox Manage
<b>POWER</b>		
<b>Power Requirements</b>	240V	240V
<b>Power Consumption</b>	330W	410W
<b>Power Consumption w' OPS</b>	800W	360W
<b>Stand by</b>	<0.5W	<0.5W
<b>CONNECTIVITY</b>		
<b>WIFI Chipset</b>	Removable WIFI 6 Module	Removable WIFI 6 Module
<b>WIFI Operating Frequency</b>	2.4GHz/5GHz	2.4GHz/5GHz
<b>WIFI Standard</b>	802.11ac/b/g/n/ax	802.11ac/b/g/n/ax



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SKU:	CBIH92	CBIH105
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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
<b>INPUT AND OUTPUTS</b>		
<b>Front</b>		
USB-A 3.0	2	2
USB Type-C	1 - Data, 15W charging, Ethernet	1 - Data, 15W charging, Ethernet
<b>Back</b>		
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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<b>STRUCTURE</b>		
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
<b>ENVIRONMENTAL CONDITIONS (DISPLAY + WIFI MODULE)</b>		
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

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