

Elite BlackBoard PLUS 86"

with built-in PC

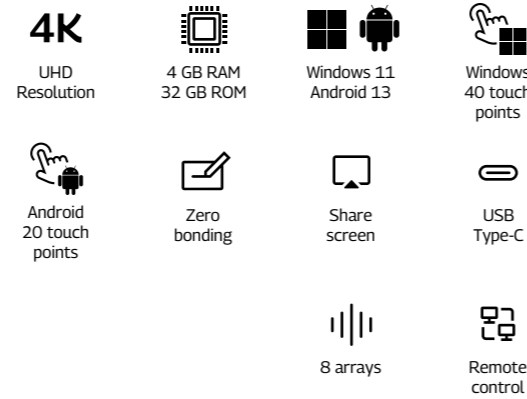


Display

Size	86"
Type	DLED
Screen	AG
Aspect ratio	16 : 9
Screen display size (mm)	1892 x 1064
Physical resolution	3840 x 2160 (4k)
Display color	10 bit / 1.07 Billion
Refresh rate	60 Hz
Brightness	≥ 400 cd/m ²
Contrast	4000 : 1
Response time	8 ms
Viewing angle	178°/ 178°
Display protection	4mm full tempered high explosion-proof glass
Backlight life	50 000 hours

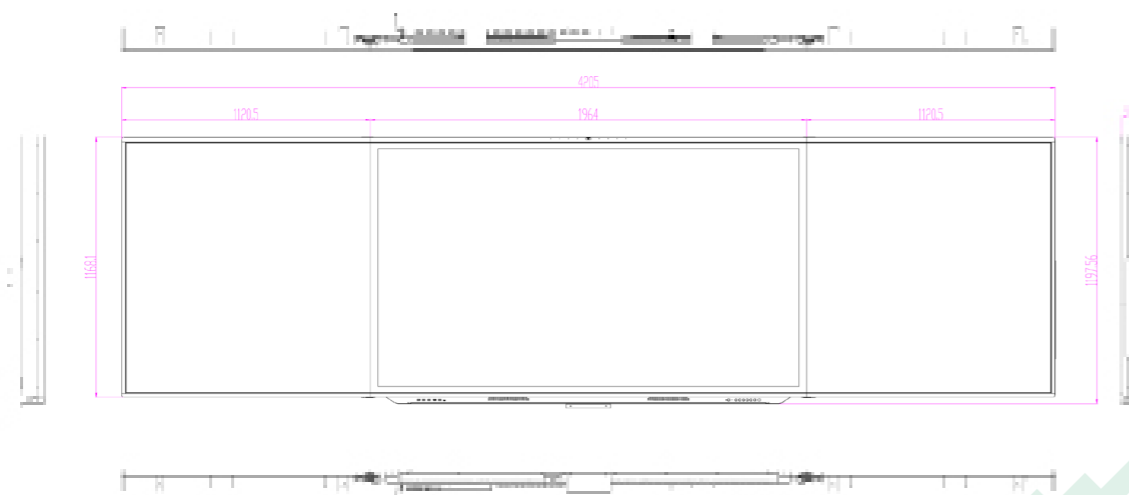
System

CPU	Cortex A55*4
RAM	4 GB
ROM	32 GB
Operating system	Android 13.0
Operating temperature	0 °C - 40 °C



Touch

Technology	Capacitive
Touch points	40 points (Windows OS) / 20 points (Android OS)
Positioning Accuracy	1 mm
Drive Mode	Yes
Writing method	Fingers, touch pens or other non-transparent objects not less than 5mm in diameter
Palm erase	Yes
Communication Port	USB 2.0
Reaction time	< 6 ms
Touch resolution	32768 x 32768
Times of touches	Unlimited
Transfer speed	12 Mb/s



PC System

CPU	Intel Core i5 10300H 2.5 GHz
RAM	8 GB
ROM	256 GB SSD PCIe
Operating system	Windows 11

Built-camera and mic

Microphones	8 integrated microphones
Pickup distance	10 m
Sample rate	Sampling frequency 48K Hz; sampling number 24bit
Features	Full duplex, echo cancellation, noise suppression
Camera	13 Megapixels, top x 1
Camera resolution	Support 1080P
Camera lens angle	Not less than 90 degrees
Angle	105°/118°/120°

Connectivity - Back port

HDMI IN	2 x
USB A 2.0	2 x
TF card	1 x
RJ45	1 x
USB Touch	1 x
RS232	1 x
Earphone	1 x
SPDIF OUT	1 x
WIFI	Support 802.11 b/g/n
Bluetooth	5.0

Connectivity - Front port

HDMI IN	1 x
USB Touch	1 x
USB-A 3.0	3 x
Type-C	1 x
Recovery system	1 x (For technicians)

Power Supply

Consumption rate	≤230 W
Standby power	≤1 W
Voltage range	AC100 - 240 V~50/60 Hz
Speaker	2 x 2 x 10 W

Accessories

Power cable	1 x
Remote control	1 x
Wall mount (800x400)	1 x
HDMI & Touch USB cable	1 x
Whiteboard pen	2 x