

Interactive Display

UDX-86S2 Datasheet
Pro Series

SPECKTRON



Powered by
SparkyAI



Google EDLA Certified



Octa
Core



Adaptive
Touch



OPS PC
Module



50-Point
Touch



Windows | **android**



Disclaimer: The product specifications, designs and solutions are subject to change without prior notice

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DISPLAY

Screen Type	D-LED
Aspect Ratio	16:9
Size	86 inch
Resolution	3840(H) x 2160(V)
Response Time	8ms
Refreshing Frequency	60Hz
Display colour	1.07B (10bit)
Pixel Pitch	0.372(H) x 0.0.372(V)
Brightness	450cd/m ²
Contrast Ratio	1200:1
Viewing Angle	178° (H/V)
Lifetime	50,000 hours

TOUCH SYSTEM

System	Windows 10/11, Linux, Mac, Chrome, Android
Sensing Type	Infrared recognition - 50 points- Pressure sensitive
Gesture Support/ Palm Rejection	Yes/ Yes
Response Time	2.5ms
Accuracy	1mm
Minimum Object Size	2mm
Interface	USB
Surface	Anti-Glare/ Anti-Fingerprint
Output Coordinates	32767 x 32767

DISPLAY CONNECTORS

HDMI-In / HDMI-Out	3/ 1
VGA	1
Audio-In / Audio-Out	1 / 1
USB-A 2.0 / USB-A 3.0	1/ 4
USB-C	2 (1 x Full-Function 65W PD) (1 x Full-Function 15W PD)
USB-B (Touch)	2
SPDIF	1
RS232	1
Lan Port (RJ45)-In / Out	1/ 1
DP-In	1
TF-Card	1

Camera & Mic

Camera	50MP AI camera
Microphone	8 Array Mic

ANDROID SYSTEM

OS	Android 14
RAM	16 GB
ROM	256 GB

WIRELESS*

Wi-Fi	802.11ax (Wi-Fi 6)
Bluetooth	5.3

AUDIO

Speaker Type	Built-in Speaker
Output Power	20W X 2

POWER

Power Requirements	AC100 V ~ 240 V, 50-60 Hz
Standby Power	0.5W
Overall Power (typ.)	240W

PC MODULE (Optional)

Type	Detachable PC module
Model	CT-22 Series
CPU	Intel®Core™ i5 /i7
RAM	8 GB / 16 GB Optional
SSD	256 GB / 512 GB Optional
Graphics	Intel Iris Xe Graphics
Networking	Intel Gigabit Ethernet
Wi-Fi	802.11ac (2.4 GHz/5 GHz)
Bluetooth	5.2
USB Type-C 2.0	1
USB 3.2 / 2.0	2 / 2
LAN (RJ45)	1
HDMI Out / DP Out	1 / 1
Line Out / Mic In	1 / 1

PHYSICAL SPECIFICATIONS

Dimension(L x H x D)	1957×1178.5×99.4mm
Dimension (package) L x W x H	2110×225×1304mm
Net Weight	54.55kg
Gross Weight	66.10kg
VESA	800 × 600mm

ENVIRONMENTAL CONDITIONS

Operating Temperature	0℃ - 40℃
Operating Humidity	10%~90% RH Non-Condensing
Storage Temperature	-20℃~60℃
Storage Humidity	10%~90% RH Non-Condensing

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