

Interactive Display

UDX-86S2 Datasheet
ProLite 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)×2160(V)
Response Time	6.5ms
Refreshing Frequency	60Hz
Display colour	1.07B (10bit)
Pixel Pitch	0.4935×0.4935mm
Brightness	400cd/m ²
Contrast Ratio	5500:1
Viewing Angle	178° (H/V)
Lifetime	≥50000 Hours

TOUCH SYSTEM

System	Windows 10/11, Linux, Mac, Chrome, Android
Sensing Type	Infrared recognition - 50 points
Gesture Support/	Yes
Response Time	<10ms
Accuracy	±2mm
Minimum Object Size	3mm
Interface	USB
Surface	Anti-Glare/ 3.2mm thick
Output Coordinates	32768 x 32768

DISPLAY CONNECTORS

HDMI-In/ HDMI-Out	3/ 1
USB-A 2.0	1
USB-C(Data transfer)	1
USB-B (Touch)	2
USB-A 3.0	3
Audio-In/ Audio-Out	1/ 1
SPDIF	1
Lan Port (RJ45)-In/ (RJ45)-Out	1
RS232	1

ANDROID SYSTEM

OS	Android 16 
RAM	8GB
ROM	128GB

WIRELESS*

Wi-Fi	802.11ax (Wi-Fi 6)
Bluetooth	5.2

AUDIO

Speaker Type	Built-in Speaker
Output Power	2 x 25W

POWER

Power Requirements	AC100 V ~ 240 V, 50-60 Hz
Standby Power	0.5W
Overall Power (typ.)	180W

PC MODULE (Optional)

Type	Detachable PC module
Model	CT-22 Series
CPU	Intel®Core™ i5 /i7
RAM	8 GB*/16 GB
SSD (optional)	256 GB*/ 512 GB
Graphics	Intel®HD Graphics
Networking	10/100/1000M
Wi-Fi	802.11ac (2.4 GHz/5 GHz)
Operating System	Windows 10 / Windows 11
Bluetooth	4.2
USB 3.1/USB 3.0 /USB 2.0	2 / 1 / 1
LAN (RJ45)	1
HDMI Output	1
Line Out / Mic In	1 / 1

PHYSICAL SPECIFICATIONS

Dimension(L x H x D)	1957× 1159.9 ×98.6mm
Dimension (package) L x W x H	2110×185×1291mm
Net Weight	50.42kg
Gross Weight	66.3kg
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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