

# Interactive Display

CDX-86i Datasheet

**SPECKTRON**



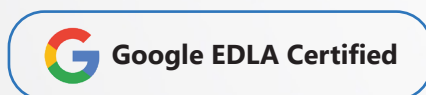
OPS Pc  
Module



50 Point  
Touch



Wireless  
Sharing



# Interactive Display

## CDX-86i Datasheet

**SPECKTRON**

### 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              | 0.4935mm x 0.4935mm  |
| Brightness               | 450cd/m <sup>2</sup> |
| Contrast Ratio (Dynamic) | 5000:1               |
| Viewing Angle            | 178° (H/V)           |
| Lifetime                 | 100,000 hours        |

### TOUCH SYSTEM

|                    |                                               |
|--------------------|-----------------------------------------------|
| System             | Windows 10/11, Linux, Mac, Chrome, Android    |
| Sensing Type       | Infrared recognition - 50 points              |
| Gesture Support    | Yes                                           |
| Response Time      | <5 ms                                         |
| Accuracy           | 1mm                                           |
| Communication Mode | Full-speed USB                                |
| Interface          | USB                                           |
| Surface Hardness   | Toughened Glass with Level 9 of Mohs Standard |
| Output Coordinates | 32767 x 32767                                 |

### DISPLAY CONNECTORS

|                   |       |
|-------------------|-------|
| HDMI-In / VGA-In  | 2 / 1 |
| Audio In / Out    | 1 / 1 |
| USB 2.0 / USB 3.0 | 3 / 2 |
| USB-C (Data Only) | 2     |
| USB Touch         | 2     |
| SPDIF             | 1     |
| RS232             | 1     |
| Lan Port (RJ45)   | 2     |
| TF Card           | 1     |

### ANDROID SYSTEM

|     |            |
|-----|------------|
| SKU | DSCDX86IE5 |
| OS  | Android 14 |
| RAM | 8GB        |
| ROM | 128GB      |

### WIRELESS

|           |          |
|-----------|----------|
| Wi-Fi     | Wi-Fi 6E |
| Bluetooth | 5.2      |

### AUDIO

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

### POWER

|                               |                   |
|-------------------------------|-------------------|
| Power Requirements            | 100-240V ~50/60Hz |
| Standby Power                 | 0.5W              |
| Overall Power (nominal power) | <400W             |

### 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)          | 1953.96*1173.62*90.6 mm |
| Dimension (package) L x W x H | 2160*1335*230 mm        |
| Net Weight                    | 67 Kg                   |
| Gross Weight                  | 98 Kg                   |
| VESA                          | 800 x 400 mm            |

### ENVIRONMENTAL CONDITIONS

|                       |              |
|-----------------------|--------------|
| Operating Temperature | 0°C - 40°C   |
| Operating Humidity    | 10% - 80%    |
| Storage Temperature   | -10°C - 45°C |
| Storage Humidity      | 5% - 90%     |

### ACCESSORIES (OPTIONAL)

|              |                |
|--------------|----------------|
| Camera / Mic | 48MP / 6 Array |
|--------------|----------------|

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

[www.spektron.com](http://www.spektron.com)