



Voxicon VXN686U

Data sheet

Core Specs

Display diagonal	86 "
Display brightness	450 cd/m²
Display resolution	3840 × 2160 pixels
Contrast ratio (typical)	1200:1

Summary

The 4K monitor for professionals who demand quality and performance.

- ✓ Large 86" 4K UHD display - For crystal clear image quality and detail.
- ✓ 450 cd/m² brightness - Ideal for use in bright environments.
- ✓ 18/7 uptime - Designed for long-term use without interruption.
- ✓ Modern and sleek design - Fits seamlessly into any professional environment.
- ✓ Multiple connectivity options - HDMI, USB, LAN and DisplayPort for flexible integration.

Product description

Voxicon VXN686U - The Perfect 86-Inch Monitor for Professionals

The Voxicon VXN686U is a reliable and high-performance 86-inch monitor. With Ultra HD (4K) resolution, it delivers crisp details and vivid colors that truly capture attention. Designed to operate for up to 18 hours a day, seven days a week, it's an excellent choice for long-term use.

Key Features

- Impressive Picture Quality: A large 86-inch screen with 4K UHD (3840x2160) resolution for exceptional detail.
- Bright Display: 450 cd/m² ensures excellent performance even in bright environments.
- Slim and Stylish Design: Modern, discreet, and seamlessly integrates into any setting.
- Android 13.0: Built-in system for smoother operation and access to smart features.
- Flexible Connectivity: HDMI, USB, DisplayPort, and LAN among other essential inputs.
- Long-Lasting Durability: Designed to operate reliably for up to 30,000 hours.

Why Choose a Display for Commercial Use?

Unlike standard consumer monitors, commercial displays like the Voxicon VXN686U are engineered for demanding environments requiring extended daily usage. With exceptional reliability, superior color reproduction, and a brightness of 450 cd/m², this monitor is perfect for retail and business applications. Additionally, it includes a three-year warranty for added peace of mind.

Specifications in Detail

- Panel Technology: LED with an edge-lit design, providing a smooth and sharp image.
- Color Accuracy: Displays over one billion colors and covers 72% of the NTSC color gamut.
- Response Time: Fast 8 ms response time and wide viewing angles (178°).
- Sound: Equipped with two powerful built-in speakers of 16 watts each.
- Connections: Offers HDMI, USB, LAN, DisplayPort, RS232, and other input options for maximum versatility.

Modern Design and Easy Handling

With a sleek and durable aluminum and metal construction, the Voxicon VXN686U is designed to both perform and enhance any environment visually. Installation is quick and straightforward with the included wall mount bracket and user-friendly remote control.

Perfect for a Wide Range of Applications

The Voxicon VXN686U excels in various settings, from reception areas and conference rooms to retail environments. Its expansive screen, dependable uptime, and high performance ensure that presentations, advertisements, and informational displays always appear professional.

Voxicon VXN686U - The display that combines reliability with elegant design and advanced technology.



The flagship of our own brands

Voxicon is the largest brand within our private-label portfolio and delivers high-quality products equipped with the latest technology.

The range includes a wide selection of multimedia products such as headphones, mice, keyboards, televisions, and displays. Whatever you choose from Voxicon, you can expect a carefully selected product built to a high standard.

Technical Specification Matrix

Header

Manufacturer	Voxicon
Model	VXN686U

Display

Display diagonal	86 "
Display technology	LED
LED backlighting type	Edge-LED
Display resolution	3840 × 2160 pixels
Display brightness	450 cd/m²
HD type	4K/UHD
Response time	8 ms
Native aspect ratio	16:9
Contrast ratio (typical)	1200:1
Display number of colours	1.07G
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display diagonal (metric)	217.5 cm
Pixel pitch	0.4935 mm
Active display area (W x H)	1895.04x1065.96 mm
Panel life	30000 h
Colour gamut	72 %

Native refresh rate	60 Hz
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Design

Product design	Digital signage flat panel
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Product colour	Black
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Features

Suitable for indoor use	Yes
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Base material	Aluminum/Metal
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Wall mountable	Yes
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Performance

Operating hours (hours/days)	18/7
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Audio

Number of built-in speakers	2
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RMS rated power	32 W
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Speaker impedance	8 Ohm
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Ports & interfaces

HDMI ports quantity	2
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DisplayPorts quantity	1
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USB ports quantity	2
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DisplayPorts in	1
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Ethernet LAN	Yes
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Ethernet LAN (RJ-45) ports	1
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Power

Power consumption (typical)	380 W
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Power consumption (standby)	0.3 W
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Input voltage	230 V
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Power consumption (off)	0 W
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Energy efficiency class (SDR)	G
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AC input voltage	100~240 V
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Energy consumption (SDR) per 1000 hours	264 kW·h
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AC input frequency	50/60 Hz
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Energy efficiency scale	A to G
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Computer system

Internal storage capacity	16 GB
Internal memory	4 GB
Operating system version	Android 13.0
Operating system installed	Android
Processor manufacturer	Cortex-A55
Processor frequency	1.8 GHz
Processor cores	4

Packaging content

Remote control included	Yes
Stand colour	Black
Cables included	Power Cord
Warranty card	Yes

Packaging data

Package width	2125 mm
Package depth	275 mm
Package height	1275 mm
Package weight	61000 g

Operational conditions

Operating temperature (T-T)	0~40 °C
Operating relative humidity (H-H)	20~80 %
Storage temperature (T-T)	-10~60 °C
Storage relative humidity (H-H)	10~80 %

Weight & dimensions

Width	1937.8 mm
Depth	79.6 mm
Height	1108.8 mm
Weight	61000 g
Display weight	47000 g