

43" LCD monitor with 4K UHD Resolution

J-Curved Monitor

Featuring an innovative industrial-grade design and a curvature of R1500 based on the golden ratio, this LCD incorporates precise capacitive touch technology. It is widely used in self-service equipment, gaming, commerce, industrial applications, and other fields.



43" 4K UHD High Resolution LCD

C-Curved Monitor

Industrial-grade full-view 4K high-definition UHD LCD panel, featuring an R1500 curvature ratio and precise touch technology. It offers a smooth and responsive touch experience along with immersive visual enjoyment. Widely used across various fields including gaming, industrial equipment, commercial systems, and more.

J-Curved Monitor specification

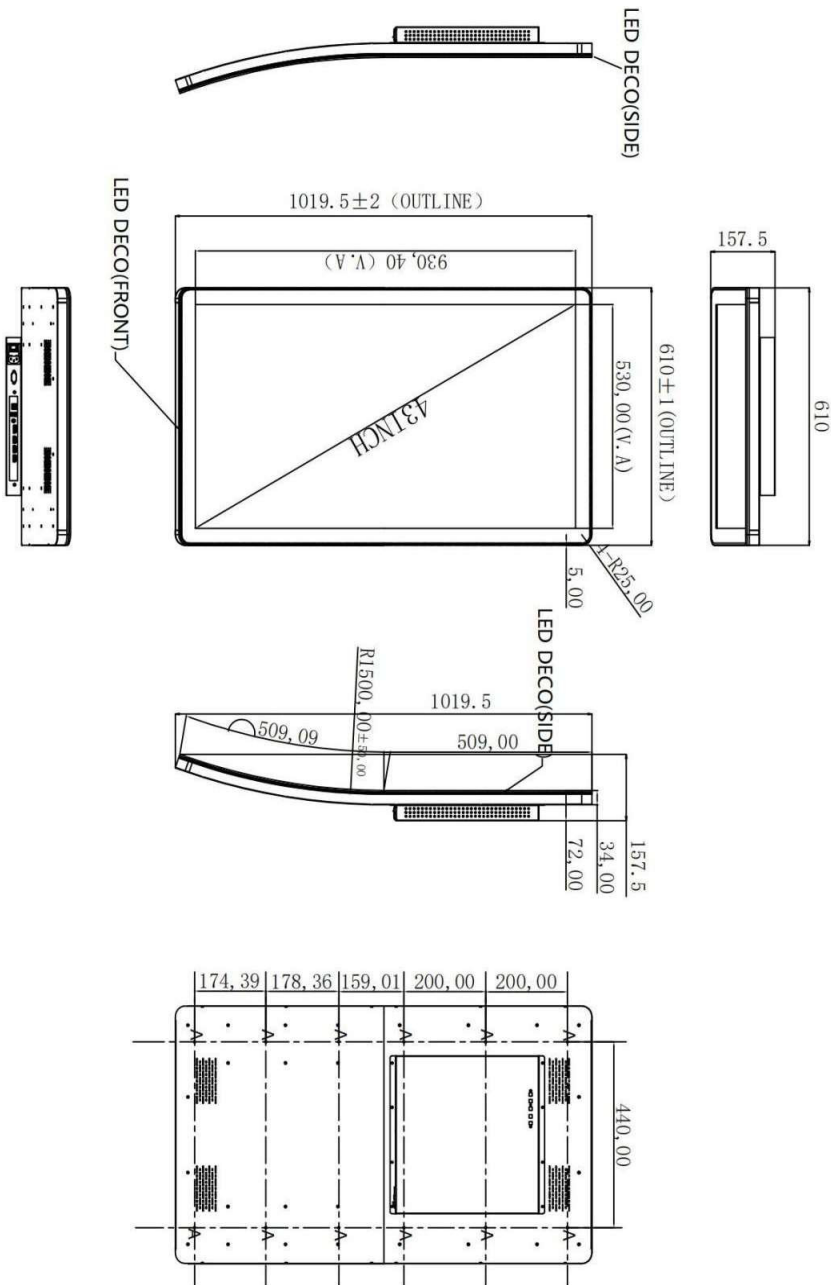
Screen Size	43"
Display	IPS (RGB Tricolor)
Aspect Ratio	16:9
Resolution	3840 x 2160 (UHD)
Brightness	400cd/m ²
Viewing Angle	89/89/89/89 (Typ.)(CR≥10)
Color	16.7M/1.07B, 67% NTSC
Response Time	6ms
Contrast Ratio	1100:1 (HDR1000)
Interface	HDMI*3, DP*1, USB-A*1, USB-B*1
Lifespan	50,000 hours
Power Consumption	107W
Touch Method	Capacitive
Touch Point	10 points (Multiple and single available)
Surface Treatment	Heat bending process (physical)
TP Thickness	4.55mm(±0.3mm)
Light Transmission	≥85%
Response Time of Touchscreen	10ms
Communication	USB

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Color	16.7M/1.07B, 67% NTSC
Response Time	6ms
Contrast Ratio	1100:1 (HDR1000)
Interface	HDMI*3, DP*1, USB-A*1, USB-B*1
Lifespan	50,000 hours
Power Consumption	42W
Touch Method	Capacitive
Touch Point	10 points (Multiple and single available)
Surface Treatment	Heat bending process (physical)
TP Thickness	4.55mm(±0.3mm)
Light Transmission	≥85%
Response Time of Touchscreen	10ms
Communication	USB

43" J-Curved Monitor: PTC430NU-C1-00 Specification

Structure Diagram



43" J-Curved Monitor: PTC430NU-C1-00 Specification

LCD	
Display	IPS (RGB Tricolor)
Ratio	16:9
Shape	Curved Screen (R1500)
Display Area	941.148×529.416mm
Resolution	3840×2160 (UHD)
Response time	6ms
Display color	16.7M/1.07B , 67% NTSC
Brightness	400cd/m ²
Contrast	1100:1
Viewing Angle	89/89/89/89 (Typ.)(CR≥10)
Touchscreen	
Touch Method	Capacitive
Touch Point	10 points (Multiple and single available)
Surface treatment	Heat bending process (physical)
TP Thickness	4.55mm(±0.3mm)
Light Transmission	≥85%
Response time	10ms
Communication	USB
Machine	
Product Color	Black (white optional)
Curvature	R1500
Button (OSD)	Position (side): Power, Auto, Up, Down, Menu
System language	Chinese (other languages optional)
Audio interface	Audio In/Earphone Out
I/O interface	HDMI*3, DP*1, USB-A*1, USB-B*1
Speaker	Optional

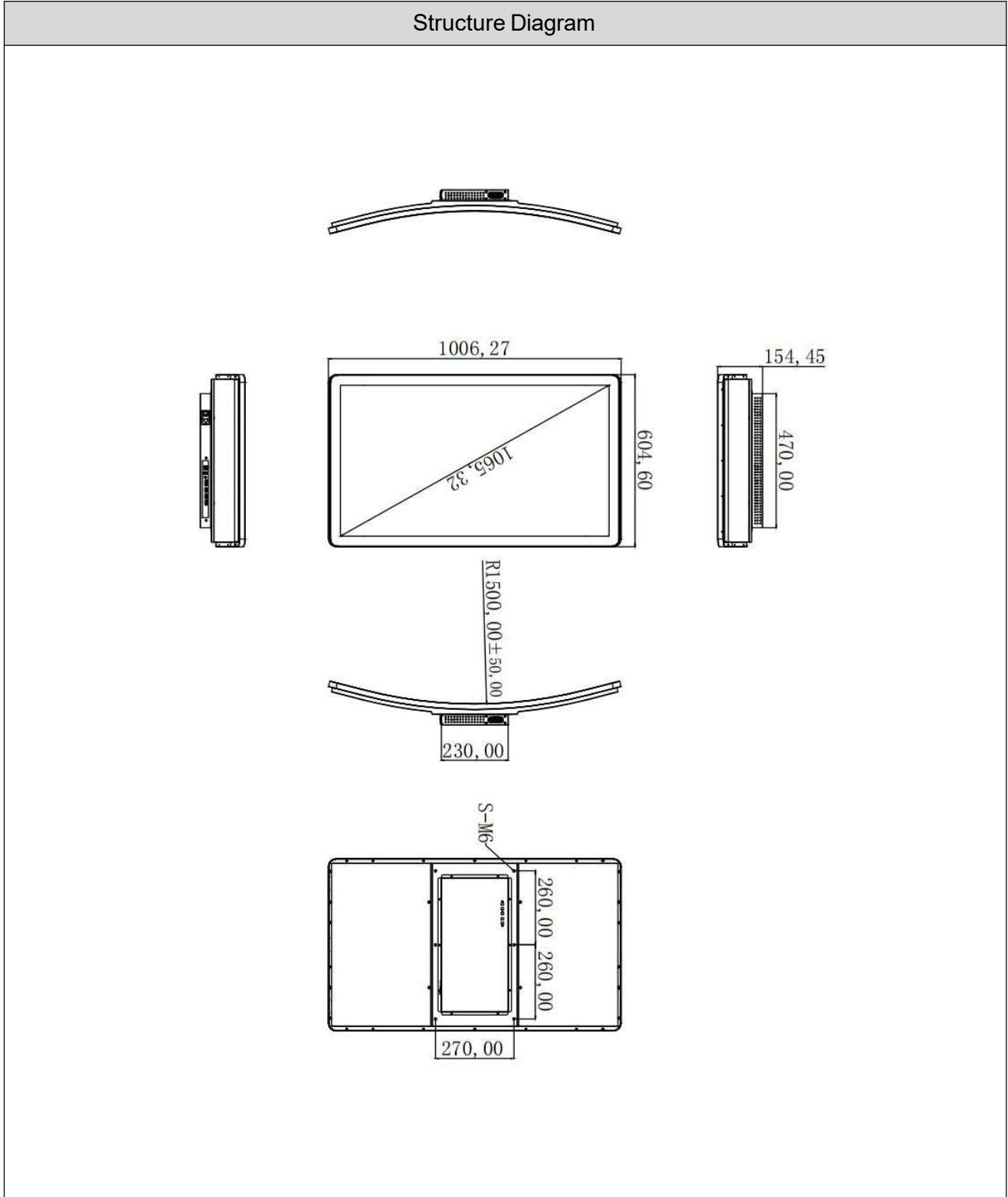
43" J-Curved Monitor: PTC430NU-C1-00 Specification

LED Light	RGB colorful effects Ambient light mode: Solid color, Running mode, Breathing mode, Gradient mode
LED ambient light display	Front/Side/Rear
LED controller	Controllable, uncontrollable (optional)
Lifespan	50,000 hours
Scope of use	Altitude ≤2000m
Power input	AC 100-240V ~ 50/60Hz 2A
power consumption	107W
Product dimensions	1019.5mm × 610mm × 72mm
Packaging dimensions	1054mm × 654.6mm × 204.5mm
Net Weight	28kg
Warranty	1 year (1 year, 2 years, 3 years optional)
Temperature range	Operating: 0°C-50°C, Storage: -20°C-60°C
Humidity range (No condensation)	Operating: 20% - 80%, Storage: 10% - 90%
Support system	Windows 7 or later; Android 4.4 or later; Linux 4.4 or later
Accessory (optional)	
Power cord	L=1.8M
USB cable	L=1.8M
HDMI cable	L=1.8M
DP cable	L=1.8M



Precautions	
During assembly and use, please pay attention to the following(but not limited to) problems.	
1	Make sure the socket you use is well grounded and keep the power supply away from high-power devices.
2	Keep the power supply stable and provide grounding protection to avoid lightning strikes.
3	Do not squeeze the touch area on the machine housing or cabinet housing.
4	Non-professionals are prohibited from touching the internal circuit of the whole machine to avoid electric shock or damage to the circuit.
5	Avoid using or storing in strong magnetic, high temperature, high humidity, high acid/alkali/salt environments.
6	Keep away from flammable substances, gases and dust.
7	Keep the whole machine in a ventilated environment and prevent direct sunlight from shining on the display area.
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43" C-Curved Monitor: PTC430NU-C2-00 Specification



43" C-Curved Monitor: PTC430NU-C2-00 Specification

LCD	
Display	IPS (RGB Tricolor)
Ratio	16:9
Shape	Curved Screen (R1500)
Display Area	941.148×529.416mm
Resolution	3840×2160 (UHD)
Response Time	6ms
Display Color	16.7M/1.07B , 67% NTSC
Brightness	400cd/m ²
Contrast	1100:1
Viewing Angle	89/89/89/89 (Typ.)(CR≥10)
Touchscreen	
Touch Method	Capacitive
Touch Point	10 points (Multiple and single available)
Surface Treatment	Heat bending process (physical)
TP Thickness	4.55mm(±0.3mm)
Light Transmission	≥85%
Response Time	10ms
Communication	USB
Machine	
Product Color	Black (white optional)
Curvature	R1500
Button (OSD)	Position(side): Power, Auto, Up, Down, Menu
System Language	Chinese (other languages optional)
Audio Interface	Audio In/Earphone Out
I/O Interface	HDMI*3、DP*1、USB-A*1、USB-B*1
Speaker	Optional
LED Light	Optional



43" C-Curved Monitor: PTC430NU-C2-00 Specification

LED Ambient Light Display	Optional
LED Controller	Controllable, uncontrollable (optional)
Lifespan	50,000 hours
Scope of Use	Altitude ≤2000m
Power Input	AC 100-240V ~ 50/60Hz 2A
Power Consumption	42W
Product Dimensions	1004mm × 604.6mm× 154.5mm
Packaging Dimensions	1054mm × 654.6mm× 204.5mm
Net Weight	23kg
Warranty	1 year (1 year, 2 years, 3 years optional)
Temperature Range	Operating: 0°C-50°C, Storage: -20°C-60°C
Humidity Range (No Condensation)	Operating: 20%-80%, Storage: 10%-90%
Support System	Windows 7 or above; Android 4.4 or above; Linux 4.4 or above
Accessory (optional)	
Power Cord	L=1.8M
USB Cable	L=1.8M
HDMI Cable	L=1.8M
DP Cable	L=1.8M

43" C-Curved Monitor: PTC430NU-C2-00 Specification

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