

# SPECIFICATIONS

## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA431
Manufacturer Website Address	<a href="http://www.necdisplay.com">http://www.necdisplay.com</a>
Brand Name	NEC Display
Product Line	MultiSync
Product Series	MA
Product Model	MA431
Product Name	43" Wide Color Gamut Ultra High Definition Professional Display
Product Type	Digital Signage Display

## Technical Information

Bezel Width	0.40" Left 0.43" Right 0.43" Top 0.61" Bottom
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## Display & Graphics

Screen Size	43"
Display Screen Type	LCD
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
High Dynamic Range (HDR) Type	HDR10
Pixel Pitch	9.8 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Color Depth	10-bit
Brightness	500 Nit

## Network & Communication

Ethernet	Yes
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## Interfaces/Ports

USB	Yes
HDMI	Yes

DisplayPort	Yes
Serial	Yes
Number of HDMI Inputs	2
Number of DisplayPorts	3

### Power Description

Input Voltage	230 V AC
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### Physical Characteristics

VESA Mount Standard	300 x 300
Mount Type	Wall Mountable Table Mount

### Miscellaneous

Package Contents	<ul style="list-style-type: none"> <li>• 43" Wide Color Gamut Ultra High Definition Professional Display</li> <li>• 3m Power cord</li> <li>• 2.0m HDMI cable</li> <li>• Wireless remote control</li> <li>• Batteries</li> <li>• Setup Guidel</li> </ul>
Energy Star	Yes
Environmentally Friendly	Yes
Environmental Certification	ENERGY STAR 8.0

### Warranty

Limited Warranty	3 Year
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## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA431-PC5
Manufacturer Website Address	<a href="http://www.necdisplay.com">http://www.necdisplay.com</a>
Brand Name	NEC Display
Product Series	MA
Product Model	MA431-PC5
Product Name	MA431-PC5 Digital Signage Display/Appliance
Product Type	Digital Signage Display/Appliance

## Technical Information

Bezel Width (Bottom)	0.61"
Bezel Width (Top)	0.43"
Bezel Width (Left)	0.40"
Bezel Width (Right)	0.43"

## Processor & Chipset

Processor Manufacturer	Intel
Processor Type	Celeron

## Display & Graphics

Screen Size	43"
Display Screen Type	LCD
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
Pixel Pitch	9.8 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Dynamic Contrast Ratio	8,000:1
Color Depth	10-bit
Brightness	500 Nit

## Network & Communication

Ethernet	Yes
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## Interfaces/Ports

USB	Yes
HDMI	Yes
DisplayPort	Yes
Serial	Yes
Number of HDMI Inputs	2
Number of DisplayPorts	2

### Software

Operating System	Windows 10 IoT
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### Power Description

Input Voltage	120 V AC 230 V AC
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### Physical Characteristics

VESA Mount Standard	300 x 300
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### Miscellaneous

Package Contents	<ul style="list-style-type: none"><li>• MA431-PC5 Digital Signage Display/Appliance</li><li>• 3m Power cord</li><li>• 2.0m HDMI cable</li><li>• Wireless remote control</li><li>• Batteries</li><li>• Intel Celeron Coffee Lake Windows 10 IoT PC (SDM-VICW-IS - Integrated)</li><li>• Setup Guide</li></ul>
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Energy Star	Yes
Environmentally Friendly	Yes
Environmental Certification	ENERGY STAR 8.0

### Warranty

Limited Warranty	3 Year
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## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA431-IR
Manufacturer Website Address	<a href="http://www.necddisplay.com">http://www.necddisplay.com</a>
Brand Name	NEC Display
Product Line	MultiSync
Product Series	MA
Product Model	MA431-IR
Product Name	MultiSync MA431-IR Digital Signage Display
Product Type	Digital Signage Display

## Display & Graphics

Number of Screens	1
Screen Size	43"
Display Screen Type	LCD
Touchscreen	Yes
Multi-touch Screen	Yes
Number of Simultaneous Touchpoints	10
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
High Dynamic Range (HDR) Type	HDR10 HLG PQ
Pixel Pitch	9.8 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Dynamic Contrast Ratio	8,000:1
Color Depth	10-bit
Brightness	500 Nit

## Network & Communication

Ethernet	Yes
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## Interfaces/Ports

USB	Yes
HDMI	Yes
DisplayPort	Yes
Serial	Yes

Number of HDMI Inputs 2

### Physical Characteristics

VESA Mount Standard 300 x 300  
Mount Type Wall Mountable  
Table Mount

### Miscellaneous

Package Contents

- MultiSync MA431-IR Digital Signage Display
- 3m Power cord
- 2.0m HDMI cable
- Wireless remote control
- Batteries
- Setup Guide

Energy Star Yes  
Environmentally Friendly Yes  
Environmental Certification ENERGY STAR 8.0

### Warranty

Limited Warranty 3 Year

## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA431-MPI4E
Manufacturer Website Address	<a href="http://www.necddisplay.com">http://www.necddisplay.com</a>
Brand Name	Sharp NEC Display
Product Series	MA
Product Model	MA431-MPI4E
Product Name	MA431-MPI4E Digital Signage Display/Appliance
Product Type	Digital Signage Display/Appliance

## Technical Information

Bezel Width (Bottom)	0.61"
Bezel Width (Top)	0.43"
Bezel Width (Left)	0.40"
Bezel Width (Right)	0.43"

## Processor & Chipset

Processor Manufacturer	Intel
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## Display & Graphics

Number of Screens	1
Screen Size	43"
Display Screen Type	LCD
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
High Dynamic Range (HDR) Type	HDR10
	HLG
	PQ
Pixel Pitch	9.8 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Color Depth	10-bit
Brightness	500 Nit

## Network & Communication

Ethernet	Yes
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## Interfaces/Ports

USB	Yes
HDMI	Yes
DisplayPort	Yes
Serial	Yes
Number of HDMI Inputs	2

## Power Description

Input Voltage	120 V AC 230 V AC
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## Physical Characteristics

VESA Mount Standard	300 x 300
Mount Type	Wall Mountable

## Miscellaneous

Package Contents	<ul style="list-style-type: none"><li>• MA431-MPI4E Digital Signage Display/Appliance</li><li>• 3m Power cord</li><li>• 2.0m HDMI cable</li><li>• Wireless remote control</li><li>• Batteries</li><li>• Raspberry Pi Compute Module 4 NEC MediaPlayer (MPi4E - Integrated)</li><li>• Setup Guide</li></ul>
Energy Star	Yes
Environmentally Friendly	Yes
Environmental Certification	ENERGY STAR 8.0

## Warranty

Limited Warranty	3 Year
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## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA491
Manufacturer Website Address	<a href="http://www.necdisplay.com">http://www.necdisplay.com</a>
Brand Name	NEC Display
Product Line	MultiSync
Product Series	MA
Product Model	MA491
Product Name	49" Wide Color Gamut Ultra High Definition Professional Display
Product Type	Digital Signage Display

## Technical Information

Bezel Width	0.49" Left/Right 0.47" Top 0.61" Bottom
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## Display & Graphics

Screen Size	49"
Display Screen Type	LCD
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
High Dynamic Range (HDR) Type	HDR10
Pixel Pitch	11 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Color Depth	10-bit
Brightness	500 Nit

## Network & Communication

Ethernet	Yes
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## Interfaces/Ports

USB	Yes
HDMI	Yes
DisplayPort	Yes
Serial	Yes

Number of HDMI Inputs 2  
Number of DisplayPorts 3

### Power Description

Input Voltage 230 V AC

### Physical Characteristics

VESA Mount Standard 300 x 300  
Mount Type Wall Mountable  
Table Mount

### Miscellaneous

Package Contents

- 49" Wide Color Gamut Ultra High Definition Professional Display
- 3m Power cord
- 2.0m HDMI cable
- Wireless remote control
- Batteries
- Setup Guidel

Energy Star Yes  
Environmentally Friendly Yes  
Environmental Certification ENERGY STAR 8.0

### Warranty

Limited Warranty 3 Year

## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA491-PC5
Manufacturer Website Address	<a href="http://www.necdisplay.com">http://www.necdisplay.com</a>
Brand Name	NEC Display
Product Series	MA
Product Model	MA491-PC5
Product Name	MA491-PC5 Digital Signage Display/Appliance
Product Type	Digital Signage Display/Appliance

## Technical Information

Bezel Width (Bottom)	0.61"
Bezel Width (Top)	0.47"
Bezel Width (Left)	0.49"
Bezel Width (Right)	0.49"

## Processor & Chipset

Processor Manufacturer	Intel
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## Display & Graphics

Screen Size	49"
Display Screen Type	LCD
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
High Dynamic Range (HDR) Type	HDR10
Pixel Pitch	11 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Color Depth	10-bit
Brightness	500 Nit

## Network & Communication

Ethernet	Yes
Wireless LAN	Yes

## Interfaces/Ports

USB	Yes
HDMI	Yes
DisplayPort	Yes
Serial	Yes
Number of HDMI Inputs	2
Number of DisplayPorts	3

### Software

Operating System	Windows 10 IoT Enterprise
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### Power Description

Input Voltage	120 V AC 230 V AC
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### Physical Characteristics

VESA Mount Standard	300 x 300
Mount Type	Wall Mountable Table Mount

### Miscellaneous

Package Contents	<ul style="list-style-type: none"> <li>• MA491-PC5 Digital Signage Display/Appliance</li> <li>• Power Cord (3m)</li> <li>• HDMI Cable (2.0m)</li> <li>• Wireless Remote Control</li> <li>• Batteries</li> <li>• Intel Celeron Coffee Lake Windows 10 IoT PC (SDM-VICW-IS - Integrated)</li> <li>• Setup Guide</li> </ul>
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Energy Star	Yes
Environmentally Friendly	Yes
Environmental Certification	ENERGY STAR 8.0 CEC

### Warranty

Limited Warranty	3 Year
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## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA491-IR
Manufacturer Website Address	<a href="http://www.necdisplay.com">http://www.necdisplay.com</a>
Brand Name	Sharp NEC Display
Product Series	MA
Product Model	MA491-IR
Product Name	MA491-IR Digital Signage Display
Product Type	Digital Signage Display

## Display & Graphics

Number of Screens	1
Screen Size	49"
Display Screen Type	LCD
Touchscreen	Yes
Multi-touch Screen	Yes
Number of Simultaneous Touchpoints	10
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
High Dynamic Range (HDR) Type	HLG HDR10 PQ
Pixel Pitch	11 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Dynamic Contrast Ratio	8,000:1
Color Depth	10-bit
Brightness	500 Nit

## Network & Communication

Ethernet	Yes
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## Interfaces/Ports

USB	Yes
HDMI	Yes
DisplayPort	Yes
Serial	Yes
Number of USB 2.0 Ports	2

Number of HDMI Inputs	2
Number of HDMI Outputs	1
Number of DisplayPorts	3

### Power Description

Input Voltage	120 V AC 230 V AC
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### Physical Characteristics

Product Color	Black
VESA Mount Standard	300 x 300
Mount Type	Wall Mountable Table Mount

### Miscellaneous

Package Contents	<ul style="list-style-type: none"><li>• MA491-IR Digital Signage Display</li><li>• 3m Power cord</li><li>• 2.0m HDMI cable</li><li>• Wireless remote control</li><li>• Batteries</li><li>• Setup Guide</li></ul>
Energy Star	Yes
Environmentally Friendly	Yes
Environmental Certification	ENERGY STAR 8.0

### Warranty

Limited Warranty	3 Year
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## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA551-PC5
Manufacturer Website Address	<a href="http://www.necdisplay.com">http://www.necdisplay.com</a>
Brand Name	NEC Display
Product Series	MA
Product Model	MA551-PC5
Product Name	MA551-PC5 Digital Signage Display/Appliance
Product Type	Digital Signage Display/Appliance

## Technical Information

Bezel Width (Bottom)	0.61"
Bezel Width (Top)	0.47"
Bezel Width (Left)	0.49"
Bezel Width (Right)	0.49"

## Processor & Chipset

Processor Manufacturer	Intel
Processor Type	Celeron

## Display & Graphics

Screen Size	55"
Display Screen Type	LCD
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
High Dynamic Range (HDR) Type	HDR10
Pixel Pitch	12.6 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Color Depth	8-bit+FRC
Brightness	500 Nit

## Network & Communication

Ethernet	Yes
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## Interfaces/Ports

USB	Yes
HDMI	Yes
DisplayPort	Yes
Serial	Yes
Number of HDMI Inputs	2
Number of DisplayPorts	3

### Software

Operating System	Windows 10 IoT Enterprise
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### Power Description

Input Voltage	120 V AC 230 V AC
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### Physical Characteristics

VESA Mount Standard	300 x 300
Mount Type	Wall Mountable Table Mount

### Miscellaneous

Package Contents	<ul style="list-style-type: none"> <li>• MA551-PC5 Digital Signage Display/Appliance</li> <li>• 3m Power cord</li> <li>• 2.0m HDMI cable</li> <li>• Wireless remote control</li> <li>• Batteries</li> <li>• Intel Celeron Coffee Lake Windows 10 IoT PC (SDM-VICW-IS - Integrated)</li> <li>• Setup Guide</li> </ul>
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Energy Star	Yes
Environmentally Friendly	Yes
Environmental Certification	ENERGY STAR 8.0

### Warranty

Limited Warranty	5 Year
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## General Information

Manufacturer	Sharp NEC Display Solutions Ltd.
Manufacturer Part Number	MA551-IR
Manufacturer Website Address	<a href="http://www.necdisplay.com">http://www.necdisplay.com</a>
Brand Name	NEC Display
Product Line	MultiSync
Product Series	MA
Product Model	MA551-IR
Product Name	MA551-IR Digital Signage Display
Product Type	Digital Signage Display

## Technical Information

Bezel Width (Bottom)	0.61"
Bezel Width (Top)	0.47"
Bezel Width (Left)	0.49"
Bezel Width (Right)	0.49"

## Display & Graphics

Number of Screens	1
Screen Size	55"
Display Screen Type	LCD
Touchscreen	Yes
Multi-touch Screen	Yes
Display Resolution	3840 x 2160
High Dynamic Range (HDR)	Yes
High Dynamic Range (HDR) Type	HLG HDR10 PQ
Pixel Pitch	12.6 mil
Backlight Technology	Edge LED

## Video

Scan Format	2160p
Dynamic Contrast Ratio	8,000:1
Color Depth	10-bit
Brightness	500 Nit
Color Gamut	86% DCI

## Network & Communication

Ethernet	Yes
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## Interfaces/Ports

USB	Yes
HDMI	Yes
DisplayPort	Yes
Serial	Yes
Number of HDMI Inputs	2
Number of HDMI Outputs	1
Number of DisplayPorts	3

## Power Description

Input Voltage	120 V AC 230 V AC
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## Physical Characteristics

Product Color	Black
VESA Mount Standard	300 x 300
Mount Type	Wall Mountable Table Mount

## Miscellaneous

Package Contents	<ul style="list-style-type: none"><li>• MA551-IR Digital Signage Display</li><li>• 3m Power cord</li><li>• 2.0m HDMI cable</li><li>• Wireless remote control</li><li>• Batteries</li><li>• Setup Guide</li></ul>
Energy Star	Yes
Environmentally Friendly	Yes
Environmental Certification	ENERGY STAR 8.0
Country of Origin	China

## Warranty

Limited Warranty	3 Year
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