

Glacier LED Display Series

This family of bezel-free LED Display tiles feature tight pixel pitches for maximum visual impact. The small pixel pitch delivers crisp, seamless HD, 2K, & 4K digital content to viewers who are only a few feet from the wall. Its modular design allows for an easy installation and the flexibility to create any desired screen size.

In addition to replacing a dull 110"-165" TV, you can also create an infinite number of ways to configure the tiles. You can outline doorways, communicate brand values, transform your interior conference room ceiling to reflect the sky, or simply create a beautiful background for a room or lobby.

Great option for:

- Broadcasting Studios
- Conference Rooms
- In-house Theaters
- Large TV Replacements
- Lobbies
- Indoor Advertising
- Warehouse TVs
- & countless other options



Pixel Pitch

- 0.9 mm
- 1.2 mm
- 1.5 mm
- 1.9 mm

Brightness

- 600 nits
- 800 nits

Resolution Capabilities

- HD
- 2K
- 4K
- 4K+

View Distance

- 3 ft
- 4 ft
- 5 ft
- 6 ft

Mounting Options

- Stacked
- Suspended
- Pole mount
- Wall mount
- Ceiling mount
- Tile to tile mounting hardware included

Tile Size

- 24.01" x 13.51"
- 2.26 ft²

Warranty

- 6-Year Warranty - Includes labor
- 15-Month Lease to Upgrade Option
- 36-Month Lease to Own Option

Specifications and tile cabinet appearance subject to change without notice. All values typical unless otherwise noted. Visit www.Noribachi.com for more information. ©2016

Glacier 0.9P - 2A



Design

Screen size (area)	2.26 ft ²
Tile Size (WxHxD)	24.01" x 13.51" x 2.95"
Aspect ratio	16:9
Tile Weight	17 lbs
Cabinet Material	Die Cast Aluminum
Operating Temperature/Hum	32F - 113F / 10 - 90% RH
Viewing Angle	H:160 ; V:160
Lifetime	>100,000 hours

Picture Quality

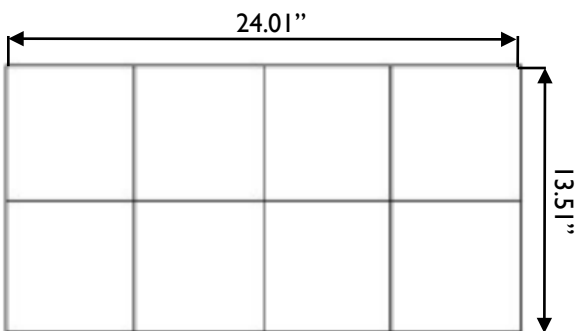
Pixel Pitch	0.9
Resolution	640 x 360 pixels
Refresh Rate	>1920 Hz
Contrast Ratio	3000:1
Brightness	600 nits
Pixel Density	204,800 pixels

LED Features

Color Temperature	2000K - 9300K
LED type	SMD0606

Electrical Characteristics

Power Consumption	42 W/Tile TYP / 127 W/Tile MAX
Amp Draw	See Performance Specs
Power Supply Options	120 VAC std / 277 & 480 VAC Option
Tile Interconnect Cable	RJ45 Cable
Control Input	DVI, HDMI, USB
Accessories Included	RJ45 Connectors, HDMI-DVI, USB.B-USB



Front Module Matrix

Glacier 1.2P - 2A



Design

Screen size (area)	2.26 ft ²
Tile Size (WxHxD)	24.01" x 13.51" x 2.95"
Aspect ratio	16:9
Tile Weight	17 lbs
Cabinet Material	Die Cast Aluminum
Operating Temperature/Hum	32F - 113F / 10 - 90% RH
Viewing Angle	H:160 ; V:160
Lifetime	>100,000 hours

Picture Quality

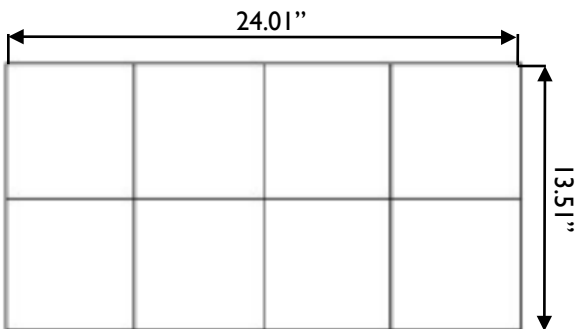
Pixel Pitch	1.27 mm
Resolution	480 x 270 pixels
Refresh Rate	>1920 Hz
Contrast Ratio	3000:1
Brightness	800 nits
Pixel Density	129,600 pixels

LED Features

Color Temperature	2000K - 9300K
LED type	SMD1010

Electrical Characteristics

Power Consumption	53 W/Tile TYP / 160 W/Tile MAX
Amp Draw	See Performance Specs
Power Supply Options	120 VAC std / 240 & 480 VAC Option
Tile Interconnect Cable	RJ45 Cable
Control Input	DVI, HDMI, USB
Accessories Included	RJ45 Connectors, HDMI-DVI, USB.B-USB



Front Module Matrix

Glacier I.5P - 2A



Design

Screen size (area)	2.26 ft ²
Tile Size (WxHxD)	24.01" x 13.51" x 2.95"
Aspect ratio	16:9
Tile Weight	17 lbs
Cabinet Material	Die Cast Aluminum
Operating Temperature/Hum	32F - 113F / 10 - 90% RH
Viewing Angle	H:160 ; V:160
Lifetime	>100,000 hours

Picture Quality

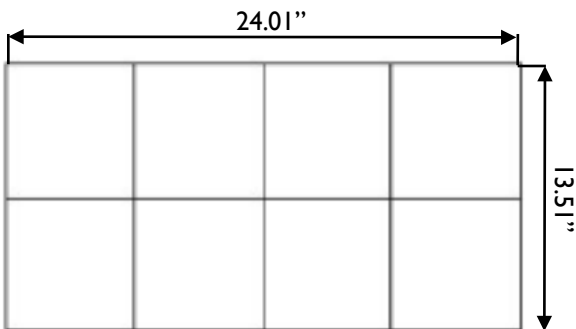
Pixel Pitch	1.58 mm
Resolution	384 x 216 pixels
Refresh Rate	>1920 Hz
Contrast Ratio	3000:1
Brightness	800 nits
Pixel Density	82,944 pixels

LED Features

Color Temperature	2000K - 9300K
LED type	SMD1010

Electrical Characteristics

Power Consumption	53 W/Tile TYP / 160 W/Tile MAX
Amp Draw	See Performance Specs
Power Supply Options	120 VAC std / 240 & 480 VAC Option
Tile Interconnect Cable	RJ45 Cable
Control Input	DVI, HDMI, USB
Accessories Included	RJ45 Connectors, HDMI-DVI, USB.B-USB



Front Module Matrix

Glacier 1.9P - 2A



Design

Screen size (area)	2.26 ft ²
Tile Size (WxHxD)	24.01" x 13.51" x 2.95"
Aspect ratio	16:9
Tile Weight	17 lbs
Cabinet Material	Die Cast Aluminum
Operating Temperature/Hum	32F - 113F / 10 - 90% RH
Viewing Angle	H:160 ; V:160
Lifetime	>100,000 hours

Picture Quality

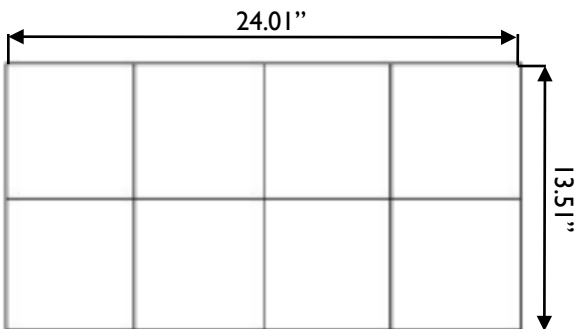
Pixel Pitch	1.9 mm
Resolution	320 x 180 pixels
Refresh Rate	>1920 Hz
Contrast Ratio	5000:1
Brightness	800 nits
Pixel Density	57,600 pixels

LED Features

Color Temperature	2000K - 9300K
LED type	SMD1010

Electrical Characteristics

Power Consumption	53 W/Tile TYP / 160 W/Tile MAX
Amp Draw	See Performance Specs
Power Supply Options	120 VAC std / 240 & 480 VAC Option
Tile Interconnect Cable	RJ45 Cable
Control Input	DVI, HDMI, USB
Accessories Included	RJ45 Connectors, HDMI-DVI, USB.B-USB



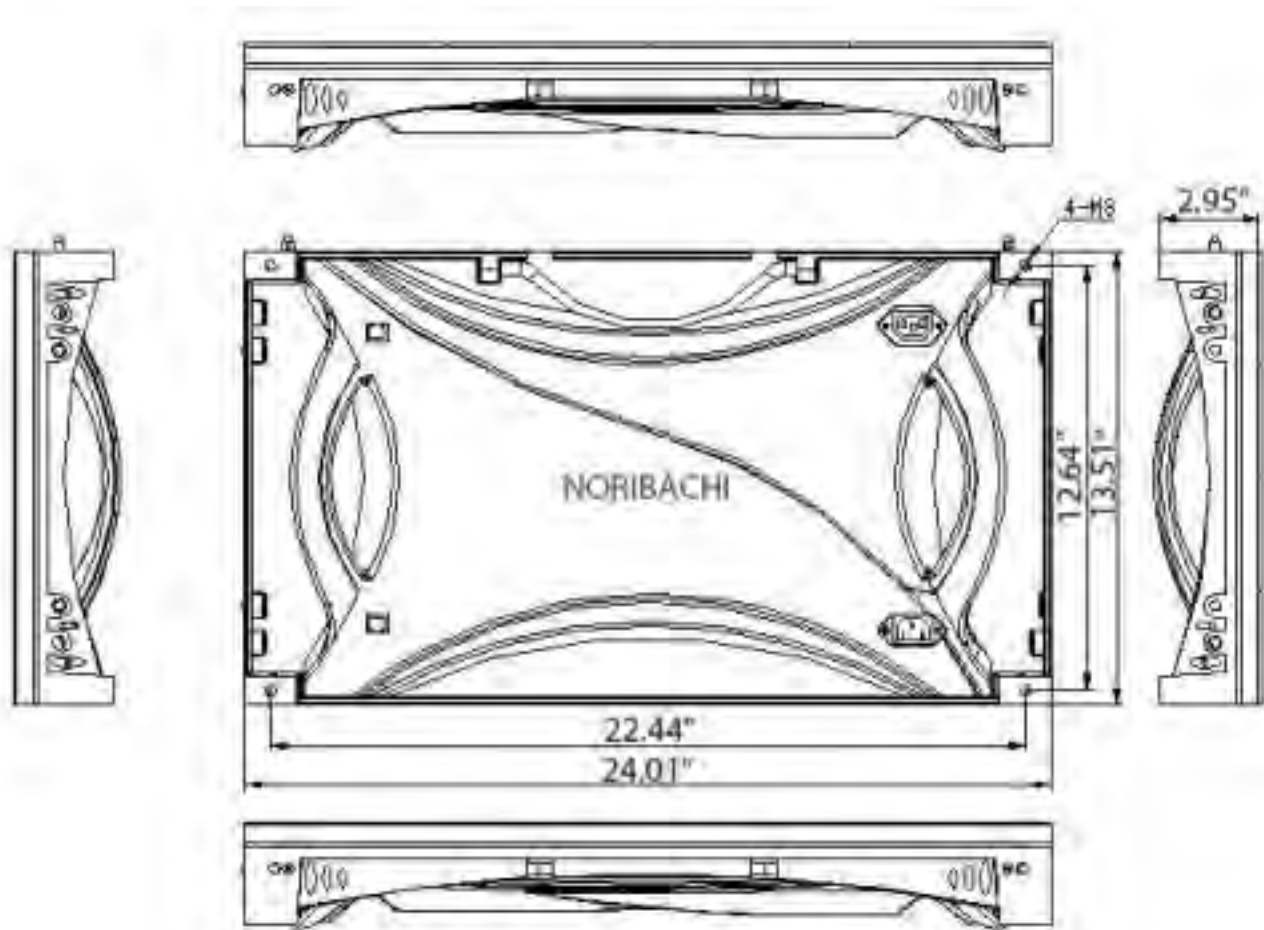
Front Module Matrix

Physical Attributes – 2A

Glacier 0.9P, 1.2P, 1.5P & 1.9P

Mounting

- 4 M8 size holes in the corners of the display
- Mount directly to other tiles using included hardware
- Mount directly to wall using customer's hardware
- Studs on top of tiles mate with holes on bottom of tiles ensure perfect alignment during installation



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System Specifications

Electrical Characteristics

All panels come standard for 100 – 240 VAC input. Optional upgrade to 277 and 480VAC. The driving method is Constant Current. The LED wavelength ranges are R:630-630nm, G:520-535nm, B:465-475nm.

Software and control options

Standard Noribachi Software comes with all Noribachi ALiVE display purchases. Software features allow users to create complex timed schedules; use endless media inputs; program videos: URLs; RSS xml files; and date and time options. An optional software upgrade is available for a monthly subscription fee. Upgrade builds on the standard Noribachi software with more media inputs, remote control of several displays from central computer and 24/7 customer support. Additional information on the Noribachi software features is located in the Media section of the ALiVE Product Family Brochure.

Maintenance

The Glacier Series is front and rear serviceable. Meaning the electrical components can be accessed from the front and the rear of the tiles.

Video Processor

A Video processor is needed when displaying 2K or greater content. Configurations that need a video processor are outlined for this series in the following Performance Specifications section. Video processor specifications are located in the controls section of the ALiVE Product Family Brochure.

Connecting Tiles

The tiles have through holes in its 4 corners as well as holes in the top and sides of the tile frames. The holes and frame can be used in many ways to either mount the tiles together or to a wall. The media is sent to the tiles and distributed using RJ45 connectors. Virtually unlimited number of tiles can be made into a single video wall. For more Glacier Series information or specific mounting questions, please contact Noribachi Display Support at 855.283.1100.

Performance Specifications

Electrical Load								
Tile Part No.	Drive current (Amps @120VAC)		Drive Current (Amps @277 VAC)		Drive Current (Amps @480VAC)		System Power (Watts)	
	Typ	Max	Typ	Max	Typ	Max	Typ	Max
0.9P	0.35	1.06	0.15	0.46	0.09	0.26	42	127
1.2P	0.44	1.33	0.19	0.58	0.11	0.33	53	160
1.5P	0.44	1.33	0.19	0.58	0.11	0.33	53	160
1.9P	0.44	1.33	0.19	0.58	0.11	0.33	53	160

Tiles per Standard 20 Amp Outlet			
Tile Part No.	Tiles @120 VAC	Tiles @277 VAC	Tiles @480 VAC
0.9P	≤ 18	≤ 43	≤ 75
1.2P	≤ 15	≤ 34	≤ 60
1.5P	≤ 15	≤ 34	≤ 60
1.9P	≤ 15	≤ 34	≤ 60

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How to Order

Glacier Series				
Numbering Order	Specification	Required or Optional	Allowed Values	Description
1	Series Name	Required	GLR	Glacier Series
			0.9P	0.9 mm Pixel Pitch
2	Pixel Pitch	Required	1.2P	1.2 mm Pixel Pitch
			1.5P	1.5 mm Pixel Pitch
			1.9P	1.9 mm Pixel Pitch

Sample Order Code

GLR-0.9P

Control Configuration Needed (Based on quantity of tiles ordered)			
Tile Part No.	Nori300 Configuration	Nori600 Configuration	Video Processor Configuration
GLR-0.9P	1 - 4 Tiles	5 - 7 Tiles	> 7 Tiles
GLR-1.2P	1 - 8 Tiles	9 - 14 Tiles	> 14 Tiles
GLR-1.5P	1 - 13 Tiles	14 - 24 Tiles	> 24 Tiles
GLR-1.9P	1 - 19 Tiles	20 - 33 Tiles	> 33 Tiles

GLACIER SERIES

ALiVE Product Family Brochure



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