

# Noribachi Digital Signage Controls

The controller is the device that communicates with the LEDs on the display. There are two parts to the controller, the transmitter and the receiver. The transmitter receives the image files from the computer and tells the receiver in each tile the color that each individual LED needs to output, creating the desired display. This turnkey piece of Noribachi's LED Digital Signage is integral in creating the best possible display for your viewers.

The necessary controller depends on the size of the display purchased. Noribachi also offers a video processor solution for 2K or greater content. Noribachi will ensure that the controller you have is perfectly compatible with the signage and content you want to display!

Noribachi provided Video Processors are highly customizable to the customer's needs. The types and number of input and output ports vary from project to project. For displays that will run 2k or larger content (>1980 x 1080 resolution), Noribachi will do a full analysis on the needs of our customer and work with our customer to ensure the success of the project.



Front and Rear image of Noribachi Controllers, Nori300 and Nori600.

Control specifications and controller appearance subject to change without notice. All values typical unless otherwise noted. Visit [www.Noribachi.com](http://www.Noribachi.com) for more information. ©2016

# Controller Specifications

Specification	Nori300	Nori600	Video Processor
Dimensions (WxHxD)	7.56" x 1.89" x 6.30"	19" x 1.75" x 9.84"	Varying
Operating Temp/Hum	-4F - 167F / 0 - 95% Hum	-4F - 140F / 10 - 90% Hum	32F - 158F / 10 - 80% Hum
Sending Card Resolution	1 - 1,199,999 Pixels	1,200,000 - 1,999,999 Pixels	2K and greater > 2,000,000 Pixels
Power (Watt) (Typ/Max)	2.5 W TYP 2.9 W MAX	3.63 W MIN 6.05 W MAX	200 W – 450 W Varying
Current (Amp) (Typ/Max)	0.5 A TYP 0.7 A MAX	1.1 A TYP	
Input Voltage (VAC)	TYP 220 Option of 277&480V	TYP 220 Option of 277&480V	TYP 220 Option of 277&480V
Input	USB, DVI, AUDIO, UART IN	HDMI, DVI, AUDIO, USB	HDMI*, DVI*, USB*
Output	Ethernet, UART OUT	4 Ethernet	Ethernet*
Video source	8bit	8bit / 10bit / 12bit / 18bit gray scale processing & presentation	Varying
Video format	-	RGB / YCrCb4:2:2 / YCrCb4:4:4	Varying

\* Number of ports vary depending on customers needs



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# How to Order

Numbering Order	Specification	Required or Optional	Allowed Values	Description
I	Controller	Required	N300	Nori300 configuration needed for 1 - 1,199,999 pixel displays
			N600	Nori600 configuration needed for 1,200,000 - 1,999,999 pixel displays
			VP	Video Processor configuration needed for >2,000,000 pixel Displays

The controller configurations necessary for each series can be found in their respective How to Order sections.

# CONTROLS

ALiVE Product Family Brochure



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