



# HMI5097DXL | Advanced HMI Series

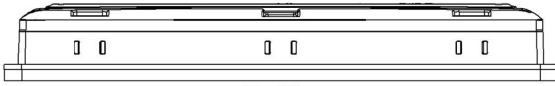
## 9.7" Dual-Ethernet Touchscreen HMI



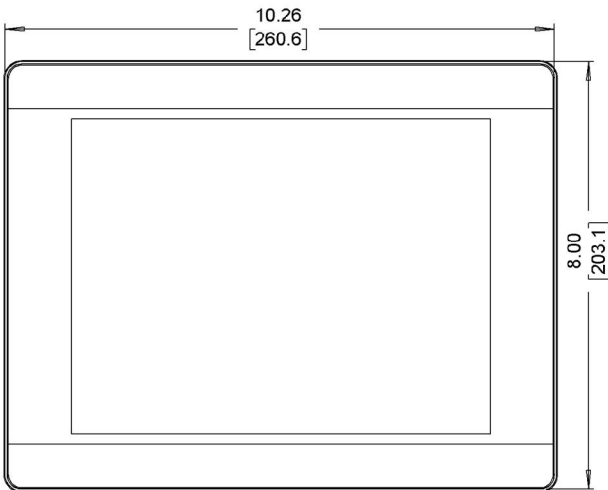
- Enhanced Graphics, Animation
- Enhanced Security
- Email Notification
- Recipe, Data Logging, Pie Charts
- CANbus
- Remote Access (Easy Access 2.0)



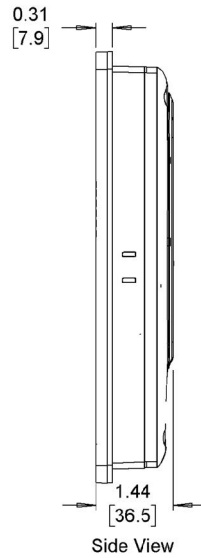
<b>System</b>	<b>CPU</b>	32-bit RISC Cortex-A8, 1 GHz
	<b>Memory (RAM)</b>	256 MB
	<b>Memory (Flash)</b>	512 MB
	<b>RTC</b>	Built-in
<b>I/O Ports</b>	<b>Serial</b>	1 x DE9P COM1: RS-232, COM3: RS232* 1 x DE9S COM2: RS-485 2 or 4 wire, COM3: RS-485 2 wire
	<b>LAN</b>	2 x GbE RJ-45
	<b>CANbus</b>	Yes
	<b>USB Host</b>	1 x USB 2.0
	<b>USB Client</b>	N/A
	<b>Audio</b>	N/A
	<b>Video</b>	N/A
	<b>Wi-Fi</b>	N/A
	<b>HDMI®</b>	N/A
	<b>SD Card Slot</b>	N/A
<b>Display</b>	<b>Display Type</b>	9.7" TFT LCD
	<b>Size (W x H)</b>	7.78 x 5.83 inches [198 x 148 mm]
	<b>Resolution (pixels)</b>	1024 x 768
	<b>Max. Colors</b>	262 K
	<b>Luminance (cd/m²)</b>	350
	<b>Viewing Angle (H°/V°)</b>	140/130
	<b>Contrast Ratio</b>	500:1
<b>Touch Screen</b>	<b>Backlight Lifetime (hours)</b>	30,000+
	<b>Type</b>	4-wire resistive touch
<b>Electrical</b>	<b>Active Area Accuracy</b>	Length (X) ± 2%, width (Y) ± 2%
	<b>Input Voltage</b>	24 ± 20% VDC
	<b>Input Current</b>	650 mA @ 24 VDC
	<b>Input Power</b>	15.6 W
	<b>Power Isolation</b>	Built-in
<b>Mechanical</b>	<b>Isolation Resistance</b>	Exceed 50 MΩ at 500 VDC
	<b>Enclosure</b>	Plastic, charcoal grey/silver
	<b>PCB Coating</b>	Yes
	<b>Dimensions (W x H x D)</b>	10.26 x 8.00 x 1.42 inches [261 x 203 x 36.5 mm]
	<b>Net Weight</b>	Approx. 1.87 lbs. [0.85 kg]
<b>Environmental</b>	<b>Mounting</b>	Panel or VESA 75 x 75 mm mounting
	<b>Operating Temperature</b>	32° ~ 122° F (0° ~ 50° C)
	<b>Storage Temperature</b>	-4° ~ 140° F (-20° ~ 60° C)
	<b>Relative Humidity</b>	10% ~ 90% (non-condensing)
	<b>Vibration Endurance</b>	10 to 25 Hz (X, Y, Z direction, 2 G, 30 minutes)
	<b>Ratings</b>	UL Type 4X (indoor use only), NEMA 4, IP65 compliant front panel
<b>Software</b>	<b>Certifications</b>	cULus, CE, RoHS
<b>Notes</b>		EBPro (v6.00.01.174 or later), EasyAccess 2.0 pre-installed and activated, IIoT Ready, MQTT, Sparkplug, VNC
		*RTS/CTS cannot be used for COM1 RS-232 while COM3 RS-232 is in use. Specifications subject to change without notice



Top View

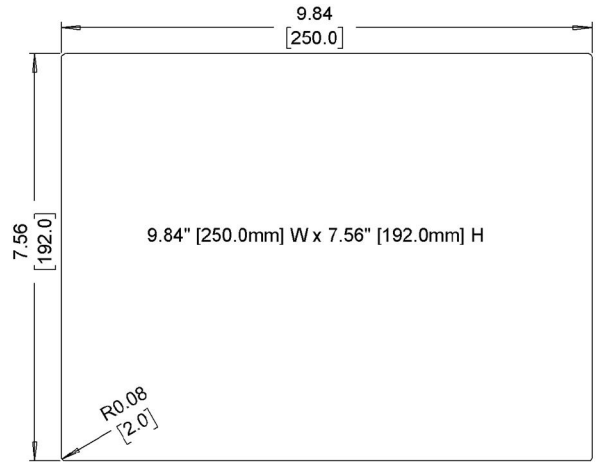


Front View

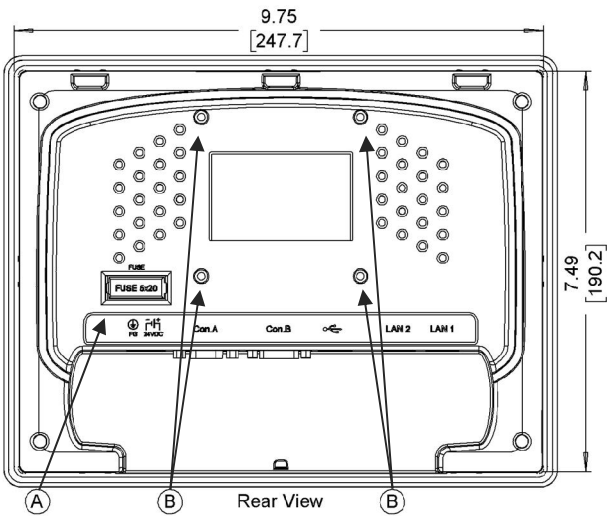


Side View

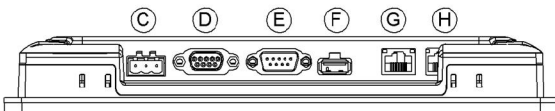
Dimensions are in inches [mm]



Cutout Dimensions



Rear View



Bottom View

- A Fuse
- B VESA 75mm screw holes
- C Power Connector
- D COM Port DE9S
- E COM Port DE9P
- F USB 2.0 Host Port
- G Ethernet Port
- H Ethernet Port