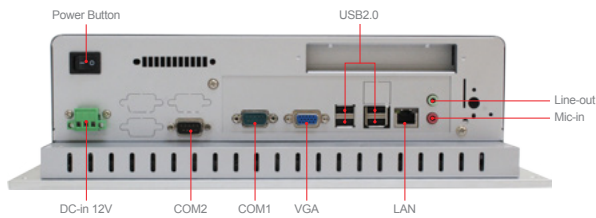


# MS-HMIR121A

12.1" Fanless HMI Resistive Panel PC with Intel® Atom™ Processor

NEW



## Features

- Low-power and fanless design perfectly fit industrial applications
- 12.1" 1024x768 XGA resolution LCD display
- 5 wires resistive single-touch solution
- Surface Hardness:3H
- IP65 dust/water-proof design for front panel
- Support DC-in 12V
- Intel® Celeron® Processor J1900, 2.00 GHz, Quad Core

## Ordering Information

Part Number	Description
S98-0100010-K99	12.1", 5-wire resistive Panel PC, Barebone, Baytrail J1900, EU power cord

## Packing List

Part Number	Description
Coming soon	Adaptor 12V/60W
Coming soon	Power cable, EU
Coming soon	SATA Cable with Power
Coming soon	HDD Screw x 4
Coming soon	Clip Mount x 8
Coming soon	System Driver CD
Coming soon	Touch Panel Driver CD

## Specifications

<b>Display</b>	LCD Size	12.1"
	Resolution	1024x768
	Brightness (cd/m2)	500
	Contrast Ratio	700:1
	Support Colors	16.2 M
	Pixel Pitch (H/Vmm)	0.24 x 0.24
<b>Viewing Angle</b>	H: 160 degree V: 160 degree	
<b>Touch Panel</b>	5-wire resistive touch panel	
<b>System Processor</b>	CPU	Intel® Celeron® Processor J1900, QC, 10W
	Frequency	2.0 GHz, up to 2.42 GHz
	L2 Cache	2MB
	Chipset	SoC
<b>Memory</b>	Technology	Dual-channel DDR3L 1333 MHz
	Max. Capacity	Up to 8GB
	Socket	1 x 204-pin SO-DIMMs (Optional 1)
<b>Graphic</b>	Display Interface	VGA up to 2560 x 1600 @60Hz
<b>Ethernet</b>	Controller	1 x Realtek® RTL8111G-CG GbE LAN Optional : 1
<b>Expansion Slot</b>	M.2	N/A
	Mini-PCIe	1 x Full-size (w/ mSATA)
<b>Storage</b>	SATA	1 x 2.5" HDD/SSD
	mSATA	1
	CFast	N/A
	CompactFlash	N/A
<b>I/O Interface</b>	RJ-45	2 (Optional 1)
	Audio	1 x Mic-in, 1 x Line-out
	USB	4 x USB 2.0
	Serial	2 x COM ports COM1: RS-232, 0V/5V/12V COM2: RS-232, w/o power
	PS/2	N/A
	HDMI	N/A
	DVI	N/A
	DisplayPort	N/A
	VGA	1
	Antenna	1 opening reserved for antenna
<b>Power Supply</b>	DC Input	DC-in 12V
	IP Rating	IP65 Front
<b>Environment</b>	Operating Temperature	0°C ~ 45°C
	Operating Humidity	10% ~ 90% non-condensing
	Storage Temperature	-20°C ~ 80°C
	Storage Humidity	10% ~ 90% non-condensing
<b>Physical Characteristics</b>	Housing	Aluminum
	Dimensions (W x H x D)	354.9 x 264.7 x 99mm
	Weight	7.5 kg
	Mounting	VESA 75, Panel Mount, Clip mount
<b>Certification</b>	EMC	CE (Class A)
	Safety	N/A
<b>Software Platform</b>	OS Support	Windows 7 (32/64-bit) Windows 8.1 (32/64-bit) Windows 10 (64-bit)

HMI Panel PC  
Embedded System Board  
Embedded Board  
Semi-rugged Terminal  
POS System Board  
COM Express Board  
Qseven Board  
Pico-ITX Board  
3.5" Board  
EPIC Board  
PICMG 1.0 Board  
Mini-ITX Board  
Micro-ATX Board  
ATX Board