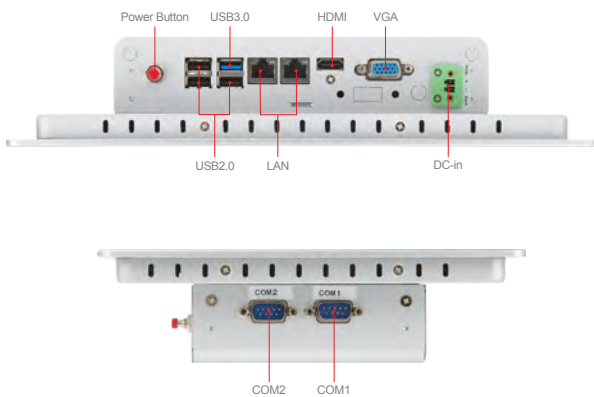


MS-HMIC104A

10.4" Fanless HMI Projective Capacitive Panel PC with Intel® Atom™ Processor

NEW



Features

- Low-power and fanless design perfectly fit industrial applications
- 10.4" 1024x768 XGA resolution LCD display
- Projective Capacitive multi-touch solution
- Surface Hardness:7H
- IP65 dust/water-proof design for front panel
- Support DC-in 12V/19V/24V
- Intel® Celeron® Processor J1900, 2.00 GHz, Quad Core

Ordering Information

Part Number	Description
S98-0100120-K99	10.4", Projected Capacitive Touch Panel PC, Bare-bone, Baytrail J1900, USA power cord

Packing List

Part Number	Description
Coming soon	Adaptor 12V/60W
Coming soon	Power cable, USA
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

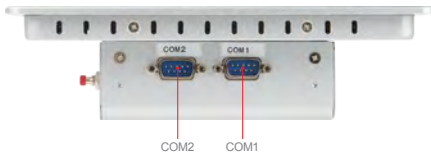
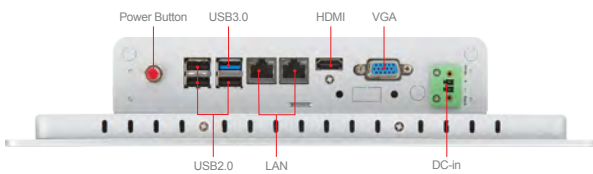
Display	LCD Size	10.4"
	Resolution	1024x768
	Brightness (cd/m2)	350
	Contrast Ratio	1200:1
	Support Colors	16.2 M
	Pixel Pitch (H/Vmm)	0.2055X0.2055
	Viewing Angle	H: 176 degree V: 176 degree
Touch Panel	Projective Capacitive touch panel	
System Processor	CPU	Intel® Celeron® Processor J1900, QC, 10W
	Frequency	2.0 GHz, up to 2.42 GHz
	L2 Cache	2MB
	Chipset	SoC
Memory	Technology	Single-channel DDR3L 1333 MHz
	Max. Capacity	Up to 8GB
	Socket	1 x 204-pin SO-DIMM
Graphic	Display Interface	VGA up to 2560 x 1600 @60Hz HDMI up to 1920 x 1080 @60Hz
Ethernet	Controller	2 x Intel® I210-AT GbE LAN
Expansion Slot	M.2	N/A
	Mini-PCIe	2 x Full-size (one w/ mSATA)
Storage	SATA	1 x 2.5" HDD/SSD
	mSATA	1
	CFast	N/A
	CompactFlash	N/A
I/O Interface	RJ-45	2
	Audio	N/A
	USB	1 x USB 3.0 3 x USB 2.0
	Serial	2 x COM ports COM1: RS-232/422/485, 0V/5V/12V COM2: RS-232, 0V/5V/12V
	PS/2	N/A
	HDMI	1
	DVI	N/A
	DisplayPort	N/A
	VGA	1
	Antenna	1 opening reserved for antenna
	Power Supply	DC Input
IP Rating		IP65 Front
Environment	Operating Temperature	0°C ~ 45°C
	Operating Humidity	20%~90% RH
	Storage Temperature	-20°C ~ 80°C
	Storage Humidity	10% ~ 90% non-condensing
	Physical Characteristics	Housing
Dimensions (W x H x D)		297 x 240.1 x 59.8mm
Weight		3 kg
Mounting		VESA 75, Panel Mount, Clip mount
Certification	EMC	CE (Class A)
	Safety	N/A
Software Platform	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
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

MS-HMIC121A

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

NEW



Features

- Low-power and fanless design perfectly fit industrial applications
- 12.1" 1024x768 XGA resolution LCD display
- Projective Capacitive multi-touch solution
- Surface Hardness:7H
- IP65 dust/water-proof design for front panel
- Support DC-in 12V/19V/24V
- Intel® Celeron® Processor J1900, 2.00 GHz, Quad Core

Ordering Information

Part Number	Description
S98-0100110-K99	12.1", Projected Capacitive Touch Panel PC, Bare-bone, Baytrail J1900, USA power cord
S98-0100150-K99	12.1", Projected Capacitive Touch Panel PC, Bare-bone, Baytrail J1900, EU power cord

Packing List

Part Number	Description
Coming soon	Adaptor 12V/60W
Coming soon	Power cable, USA
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

Display	LCD Size	12.1"	
	Resolution	1024x768	
	Brightness (cd/m2)	500	
	Contrast Ratio	700:1	
	Support Colors	16.2 M	
	Pixel Pitch (H/V/mm)	0.24X0.24	
	Viewing Angle	H: 160 degree V: 160 degree	
Touch Panel	Projective Capacitive touch panel		
System Processor	CPU	Intel® Celeron® Processor J1900, QC, 10W	
	Frequency	2.0 GHz, up to 2.42 GHz	
	L2 Cache	2MB	
	Chipset	SoC	
Memory	Technology	Single-channel DDR3L 1333 MHz	
	Max. Capacity	Up to 8GB	
	Socket	1 x 204-pin SO-DIMM	
Graphic	Display Interface	VGA up to 2560 x 1600 @60Hz HDMI up to 1920 x 1080 @60Hz	
Ethernet	Controller	2 x Intel® I210-AT GbE LAN	
Expansion Slot	M.2	N/A	
	Mini-PCIe	2 x Full-size (one w/ mSATA)	
Storage	SATA	1 x 2.5" HDD/SSD	
	mSATA	1	
	CFast	N/A	
	CompactFlash	N/A	
	RJ-45	2	
	Audio	N/A	
	USB	1 x USB 3.0 3 x USB 2.0	
I/O Interface	Serial	2 x COM ports COM1: RS-232/422/485, 0V/5V/12V COM2: RS-232, 0V/5V/12V	
	PS/2	N/A	
	HDMI	1	
	DVI	N/A	
	DisplayPort	N/A	
	VGA	1	
	Antenna	1 opening reserved for antenna	
	Power Supply	DC Input	DC-in 12V/19V/24V
		IP Rating	IP65 Front
		Operating Temperature	0°C ~ 45°C
Environment	Operating Humidity	20%~90% RH	
	Storage Temperature	-20°C ~ 80°C	
	Storage Humidity	10% ~ 90% non-condensing	
	Housing	Aluminum	
Physical Characteristics	Dimensions (W x H x D)	332.2 x 262.7 x 61mm	
	Weight	4 kg	
	Mounting	VESA 75, Panel Mount, Clip mount	
Certification	EMC	CE (Class A)	
	Safety	N/A	
Software Platform	OS Support	Windows 7 (32/64-bit) Windows 8.1 (32/64-bit) Windows 10 (64-bit)	