

## Intel<sup>®</sup> Low-Power Industrial Panel PCs

**MS-HMIRXXXX**

- 5-wire Resistive Single-Touch Screen
- Surface Hardness: 3H
- IP65 Front Panel
- Fanless design



Anodized & Hairy Brushed



Rear I/O



Clip mount



	MS-HMIR121A	MS-HMIR150A	MS-HMIR170A	MS-HMIR185A	MS-HMIR190A	MS-HMIR215A
Size / Aspect Ratio	12.1" TFT (4:3)	15" TFT (4:3)	17" TFT (4:3)	18.5" TFT (16:9)	19" TFT (4:3)	21.5" TFT (16:9)
Backlight	LED					
Resolution	1024 x 768		1280 x 1024	1366 x 768	1280 x 1024	1920 x 1080
Colors	16.2 M		16.7 M			
Luminance (cd/m2)	500	400	350	300	250	300
Contrast Ratio	700:1		1000:1			3000:1
Viewing Angle (H°/V°)	160/160		140/170	170/160		178/178
MTBF (hrs)	50,000					
Touch Screen	5-wire resistive					
Dimension (W x H x D, mm)	354.9 x 264.7 x 99	400.9 x 303.7 x 93	453.5 x 352 x 90	521.7 x 317.6 x 95	483 x 376.8 x 93.9	581.3 x 337.2 x 93.6
Weight (KG)	7.5	9	13	13.5		
Processor	Intel <sup>®</sup> Bay Trail Celeron <sup>®</sup> Processor J1900 2.0 GHz, up to 2.42 GHz, QC, 10W					
Memory	1 x 204-pin DDR3L SO-DIMM, up to 8 GB					
Display	1 x VGA					
I/O Port	1 x Realtek <sup>®</sup> RTL8111G GbE GLAN					
	1 x Line-out / Mic-in					
	4 x USB 2.0					
Expansion Slot	1 x RS232, 0V/5V/12V					
	1 x Full-size (w/ mSATA)					
Storage	1 x SATA 2.0 for 2.5" HDD/SSD					
Power Supply	DC-in 12V					
Operation Temperature	0 ~ 45°C					
Storage Humidity	10 ~ 90%, non-condensing					
Mount	VESA 75x75mm(12.1"), 100x100mm(15"~21.5") Panel mount / Clip mount (optional)					
OS Support	Windows 7 (32/64-bit) Windows 8.1 (32/64-bit) Windows 10 (32/64-bit)					
Optional	Clip mount					
	External Antenna x 1 or 2					
	Waterproof Sponge					
	RS232 w/o power: x 1 (12.1"), x 2 (15"~21.5") 2nd GbE LAN X1, 2nd Memory Slot X 1					



Industrial Control



Automation



Catering Industry



Food Processing