

# MSI-9A62-HM76

17" High-Performance HMI Panel PC with Intel® Mainstream Mobile CUP

Preliminary



**TAIWAN  
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## Features

- 3rd Gen Intel® Core™ Mobile processor (Max. TDP: 35W)
- 17" TFT LCD with 5-wire resistive touch panel
- Flexible storage interfaces (HDD/SSD/mSATA/SATA DOM)
- Support DC-in 12V
- Open-frame panel PC or with bezel (optional)
- IP65 dust/water-proof design for front panel

## Ordering Information

Part Number	Description
Coming soon	

## Packing List

Part Number	Description
Coming soon	

## Specifications

		MS-9A62-HM76-FS	MS-9A62-HM76-BS	
Display	LCD Size	17"		
	Resolution	1280x1024		
	Brightness (cd/m <sup>2</sup> )	350		
	Contrast Ratio	1000:1		
	Support Colors	16.7M		
	Pixel Pitch (H/Vmm)	0.264x0.264		
	Viewing Angle	H: 140~160 degree V: 140~160 degree		
Touch Panel	5-wire resistive touch panel			
System Processor	CPU	3rd Gen Intel® Mobile Ivy Bridge/Sandy Bridge Core™ i7/i5/i3/Celeron®/Pentium® Processors, Max. 35W		
	Frequency	2.3 GHz~2.9 GHz (Depends on CPU)		
	L2 Cache	2M~3M (Depends on CPU)		
	CPU Type	Socket G2 (rPGA 989)		
	Chipset	Intel® HM76 Express		
	BIOS	AMI		
Memory	Technology	Dual-channel DDR3/DDR3L 1066/1333/1600MHz		
	Max. Capacity	Up to 16GB		
	Socket	2 x 204-pin SO-DIMMs		
Graphic	Controller	Intel® HD Graphics		
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM		
	Multiple Display	3 independent displays		
	Display Interface	DVI-I up to 2560 x 1600 DP up to 2560 x 1600		
Ethernet	Controller	1 x Intel® 82579 PHY LAN 1 x Intel® I210-AT PCIe LAN		
Audio	Controller	Realtek® ALC887 HD Audio Codec		
H/W Monitor	Watchdog Timer	256-level Watchdog Timer		
	Smart Fan	Yes		
Expansion Slot	Mini-PCIe	2 x Full-size (one w/ mSATA)		
Storage	SATA	320G 2.5" HDD		
	mSATA	1		
I/O Interface	RJ-45	2		
	Audio	1 x Line-out, 1 x Line-in, 1 x Mic-in		
	USB	4 x USB 2.0 2 x USB 3.0		
	Serial	5 x COM COM1: RS-232/422/485 (0V/5V/12V) COM 2~5: RS-232 (0V/5V/12V)		
	PS/2	1		
	DVI	1 (DVI-I)		
	DisplayPort	2		
	Antenna	3 openings reserved for antennas		
	Power Supply	DC Input	DC-in 12V pluggable connectors with latch (GND, V-, V+)	
		AC Input	Optional 84W external AC-DC adapter for AC input	
Environment	Operating Temperature	0 ~ 45°C (HDD) 0 ~ 50°C (SSD)		
	Operating Humidity	10 ~ 90%, non-condensing		
	Storage Temperature	-20°C ~ 80°C		
	Storage Humidity	10 ~ 90%, non-condensing		
	Vibration	Operating, 0.25 Grms, 5-300 Hz, 3 axes		
	Shock	Operating, 3 G, half sine 11 ms		
Physical Characteristics	Housing	SGCC, open frame	SGCC, aluminum	
	Dimensions	410.2mm x 337mm x 85.6mm	483mm x 399mm x 87.43mm	
	Weight	6.5 kg (without bezel)	7.6 Kg (with bezel)	
	Mounting	VESA 75/100, Panel Mount		
	Certification	EMC	FCC, CE, C-Tick, VCCI	
Safety		TUV, CB		
Software Platform	OS Support	Windows XP (32/64-bit) Windows 7 (32/64-bit) Windows 8.1 (32-bit)		