

MS-9A63-D2550

19" Fanless HMI Panel PC with Intel® Mainstream Mobile CPU



**TAIWAN
EXCELLENCE
2013**



Features

- Intel® mainstream mobile CPU
- 19" TFT LCD with 5-wire resistive touch panel
- Flexible storage interfaces (HDD/SSD/mSATA/SATA DOM)
- Fanless design with excellent ventilation
- Support DC-in 12V
- Open-frame panel PC or with bezel (optional)
- IP65 front panel for water-proof applications

Ordering Information

Part Number	Description
9S9-9A63-001	D2550, MSI Bezel, 320GB HDD, 2G memory, 12V 84W DC-in Adaptor, EU Power Cord
9S9-9A63-003	D2550, Open Frame, 320GB HDD, 2G memory, 12V 84W DC-in Adaptor, EU Power Cord

Packing List

Part Number	Description
G71-SEDC122-X03	Driver CD
K33-3001005-I45	Power Cord, EU, 1830mm
S93-0401650-S14	Adaptor
E2B-9A61010-P65	Nut
E2B-9A61020-P65	Nut
E22-9A63010-LA2	Plate
E22-9A63020-LA2	Plate

Specifications

		MS-9A63-D2550-FS	MS-9A63-D2550-BS	
Display	LCD Size	19"		
	Resolution	1280x1024		
	Brightness (cd/m ²)	350		
	Contrast Ratio	1000:1		
	Support Colors	16.7M		
	Pixel Pitch (H/Vmm)	0.294x0.294		
	Viewing Angle	H: 150~170 degree V: 140~160 degree		
Touch Panel	5-wire resistive touch panel			
System Processor	CPU	Intel® Atom™ Processor D2550, Dual Core		
	Frequency	1.86 GHz		
	L2 Cache	1MB		
	CPU Type	BGA		
	Chipset	Intel® NM10 Express		
	BIOS	AMI		
Memory	Technology	Single-channel DDR3 1066MHz		
	Max. Capacity	Up to 4GB		
	Socket	1 x 204-pin SO-DIMM		
Graphic	Controller	Intel® GMA3650 Graphics		
	Graphic Memory	Shared system memory up to 759 MB SDRAM		
	Multiple Display	2 independent displays		
	Display Interface	DVI-D up to 1920 x 1200 VGA up to 1920 x 1200		
Ethernet	Controller	2 x Intel® 82574L GbE LAN		
Audio	Controller	Realtek® ALC887 HD Audio Codec		
H/W Monitor	Watchdog Timer	256-level Watchdog Timer		
	Smart Fan	N/A		
Expansion Slot	Mini-PCIe	1 x Full-size (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		
	Serial	5 x COM COM1: RS-232/422/485 (0V/5V/12V) COM 2~5: RS-232 (0V/5V/12V)		
	PS/2	2		
	DVI	1 (DVI-D)		
	VGA	1		
	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	447.2mm x 364mm x 85.6mm	483mm x 399mm x 87.43mm	
	Weight	6.7 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-bit) Windows 7 (32-bit) Linux Ubuntu 12.04		