

MS-1A91

10" Front IP65 Fanless HMI Panel PC with Intel® Alder Lake N Series

NEW



Features

- Intel® Alder Lake N CPU
- Panel Size: 10"
- Fully Flat Panel / Fanless & Ultra Slim Design
- Capacitive / Resistive Type Touch
- IP65 Front Panel and IP41 for Rear
- Backup Battery for 30 mins
- Rich I/O
- Dual Storage: HDD+SSD
- Intel® WLAN Support



Stand



Rear Cover



Vesa Mount

Specifications

Display	LCD Size	10"
	Resolution	1024 x 600
	Brightness (cd/m2)	500
	Contrast Ratio	500
	Support Colors	16.7M
	Pixel Pitch (H/ Vmm)	0.217 x 0.208
	Viewing Angle	88/88/88/88
Touch Panel		5-Wire Resistive
System Processor	CPU	Intel® Alder Lake N Series Intel® processor N97 2.0GHz ,QC ,12W Intel® Atom X7425E 1.5GHz , QC, 12W
	Frequency	3.2 up to 3.80 GHz
	L2 Cache	6MB
	Chipset	SoC
Memory	Technology	Single-channel DDR5 MHz
	Max. Capacity	Up to 16GB
	Socket	1 x 262-pin SO-DIMM
Graphic	Display Interface	1 x HDMI 1 x DP
Ethernet	Controller	2 x Intel® I225V Co-Lay Intel® I225LM PCIe 2.5GbE LAN
Expansion Slot	Mini-PCIe	N/A
	M.2	1 M.2 E key (reserved for WiFi)
Storage	SATA	N/A
	M.2	1 x M.2 B key (reserved for storage)
	mSATA	N/A
	CFast	N/A
	CompactFlash	N/A
I/O Interface	RJ-45	2
	Audio	1 x Line-out and 1 x MIC in jack
	USB	2 x Dual Stacked Type-A USB 3.1 2 x USB 2.0 Ports
	Serial	3 x COM (1 x Edge I/O ,2 x internal) COM1,COM2 support RS-232/422/485 (0v/5v/12v)
	Parallel	N/A
	PS/2	N/A
	HDMI	1
	DVI	N/A
	DisplayPort	1
	VGA	N/A
Antenna	Inside	
Power Supply	DC Input	DC 12~24V
Environment	IP Rating	Front IP65 / Rear 41
	Operating Temperature	0°C ~ 40°C
	Operating Humidity	20%~90% RH
	Storage Temperature	-20°C ~ 60°C
	Storage Humidity	10% ~ 90% non-condensing
Physical characteristics	Housing	Plastic / Metal
	Dimensions (L x W x D)	200.75 x 267.32 x 40.8 mm
	Weight	2kg (4.4lbs)
	Mounting	VESA (75 x 75 ,100 x 100)mm
Certification	EMC	FCC ,CE, BSMI, VCCI
	Safety	PSE
Software Platform	OS Support	Windows 10 IoT Enterprise LTSC 2022, Windows 11 IoT Enterprise