

MPX-150SD

**15" XVGA Industrial Fanless Panel PC, IP65
With Intel Atom D2550 Dual Core 1.86GHz CPU
VGA, Dual LAN, 4COM, 2USB3/2USB2, DC-in**



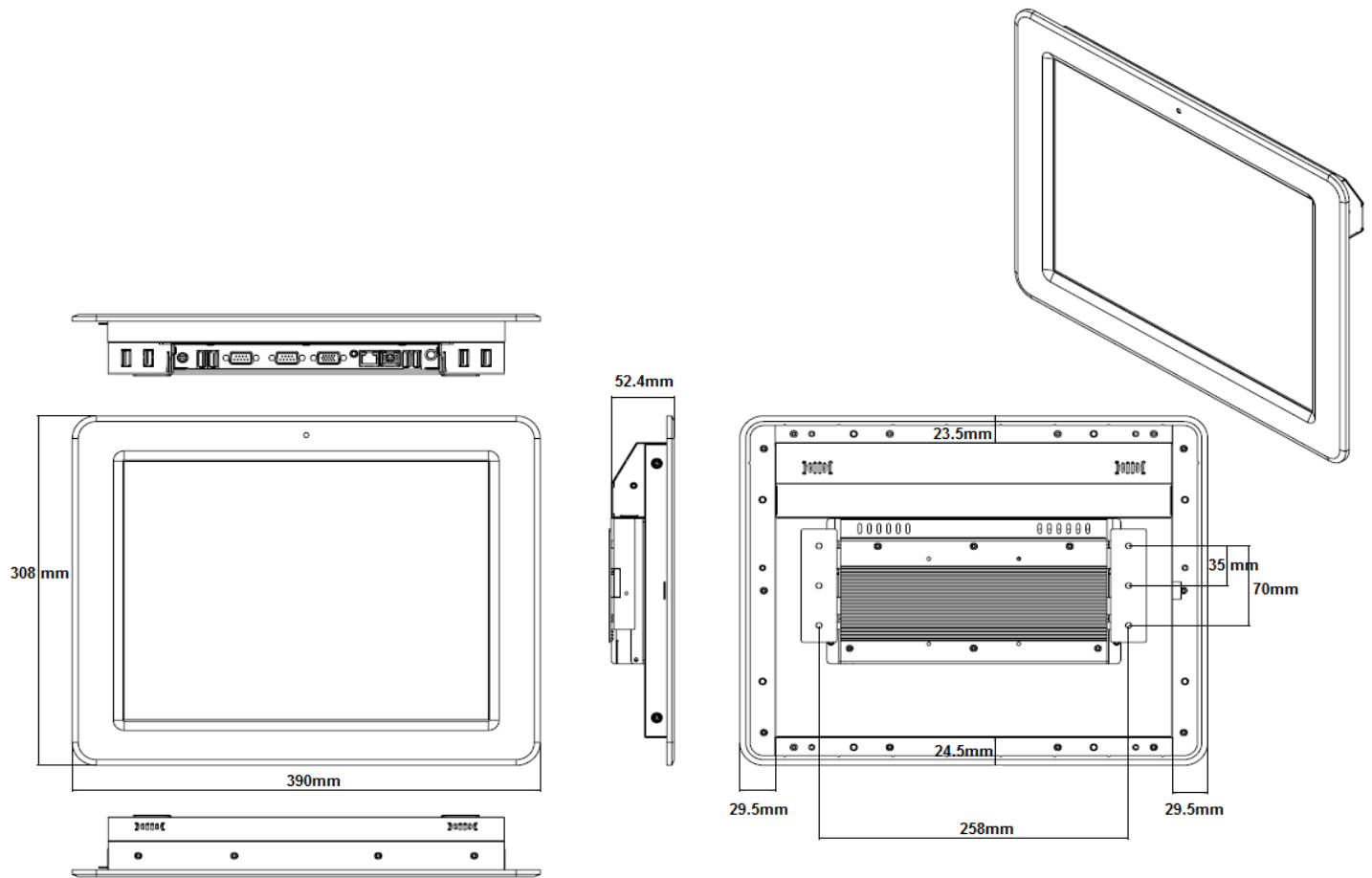
Features

- 15" TFT XVGA, 1024 x 768 resolution, 16.2M colors, 300 cd/m2 Luminance, 80° viewing angle, 50K hrs/LED
- Intel Atom D2550 Dual Core 1.86GHz CPU, memory up to 4GB.
- Dual independent display by VGA (DB-15)
- COM1 by RS-232/422/485 (by BIOS, jumpers free), COM2/3/4 by RS-232 with power 5V/12V
- 4 x USB(2 x USB 3.0 and 2 x USB 2.0)
- Supports 2.5" SATA HDD or SATA DOM (Half-size)
- Flexible mounting solutions by Panel / VESA 75
- Wide Range DC +12V ~ +24V DC input by DC Jack
- -10°C ~ 70°C harsh operation environment

Specifications

MPX-185MD Series Key Features		MPX-150SD	
System Processor	Max. Speed(Core)	1.86GHz(Dual core)	
	L2 Cache	1MB	
	CPU/Chipset	Atom D2550/NM10	
	BIOS	AMI 16Mb AMI UEFI with GUI support	
Expansion Slot	Mini-PCIe	1 x full-size	
	Storage	1 x SATA DOM (low profile)	
Memory	Specification (SO-DIMM)	1 x 204-Pin DDR3	
	Max. Capacity	4 GB	
Display	LCD	15" TFT XVGA	
	Resolution	1024 x 768, 16.2M Colors	
	Luminance (cd/m2)	300 cd/m2	
	Viewing Angle	80°	
	Backlight Lifetime	50,000 hrs / LED	
Ethernet	Interface Controller	PCI-e 10/100/1000 Mbps LAN	
	Connector	2 x RJ-45	
Storage	SATA2	1 x SATA2	
	SATA DOM	1 x SATA DOM, 8G-64G option	
System Rear I/O	VGA	1 x DB-15	
	Ethernet	2 x RJ45	
	USB	4 x USB Type-A(2 x USB 3.0, 2 x USB 2.0)	
	Audio	1 x Audio ports, Line-out, Phone Jack	
	Serial COM1	1 x DB-9 (RS-232/422/485 by BIOS selection)	
	Serial COM2/3/4	3 x DB-9 (RS-232 with power 5V/12V)	
	KB/MS	1 x 6-pin Mini-DIM for PS/2 keyboard and PS/2 mouse	
	System Power Input	1 x DC Jack, +12V ~ +24V (By AC 110~220V to DC Adapter, +19V/3A)	
System Features	Speaker	2 x 1W Speaker	
	Camera	1 x Resolution 1600 x 1200, 2M pixel, USB interface (option)	
	Touch Screen	1 x Analog resistive 5 Wire Touch	
	OS Support	Win CE 7.0, Win 7	
Watchdog Timer	Output and Interval	System reset, programmable 1 ~ 255 sec/min; 1 sec. or 1min. /step	
Power Requirement	Typical	About 32W (Depends on system configuration)	
Environment	IP Rating	IP65 compliant front bezel	
	Temperature	Operating	None-operating
			-10°C ~ 70°C (14 ~ 158°F) -30 ~ 80°C (-22 ~ 175°F)
	Relative Humidity	10 ~ 90% @ 40°C, Non-condensing	
	Vibration	5 ~ 17Hz, 0.1" double amplitude peak, 1.5G acceleration peak to peak	
Shock	10G acceleration peak to peak(11ms)		
Physical Size	Dimensions	390mm(W) x 308mm(L) x 52.4mm(D)	
Packing	Dimension	455mm(W) x 410mm(L) x 150mm(D)	
Weight	N.W / G.W.	12.1lb (5.5Kg) / 13.2lb (6.0Kg)	
Certifications	EMC	CE, FCC Class B	

System Dimension Drawing



Ordering Information

Part Number	CPU	Chip	VGA	GbE	COM1/2/3/4	USB3	USB2	Audio	KB/MS	RAM	HDD	Wi-Fi	Web CAM
MPX-150MD-M0-00	D2550	NM10	1	2	RS-232	2	2	Line/O	1	N/A	N/A	N/A	N/A
MPX-150MD-M2-00	D2550	NM10	1	2	RS-232	2	2	Line/O	1	2GB	N/A	N/A	N/A
MPX-150MD-M4-H500	D2550	NM10	1	2	RS-232	2	2	Line/O	1	4GB	500GB	N/A	N/A

Optional Items

Part Number	Description
SODIMM-DDR3-2GB	204-Pin SODIMM DDR3-1333 2GB
SODIMM-DDR3-4GB	204-Pin SODIMM DDR3-1333 4GB
SSD2-032 / SSD3-064	2.5" SATA 2(3Gb/S) SSD MLC, 32GB / 64GB
SSD3-032 / SSD3-064	2.5" SATA3 (6Gb/S) SSD MLC, 32GB / 64GB
Wi-Fi	Wireless LAN Kit, 802.11 b/g/n, RTL8188CUS-BC8-WB
WebCam	Web Camera, resolution 1600x1200, 2M pixel, USB interface