12.1" Touch Pc-X86

Model： DM121F1

Views



Features

- **24/7 Industrial Use**

  Industrial-grade Power Supply

  Screen sizes ranging from 8" to 23.8"

- Panel mounted/VESA mounted

- **Industrial Grade**

  Superior Heat Dissipation

  High ESD protection level

- IP65 Front Protection

CE FC RoHS

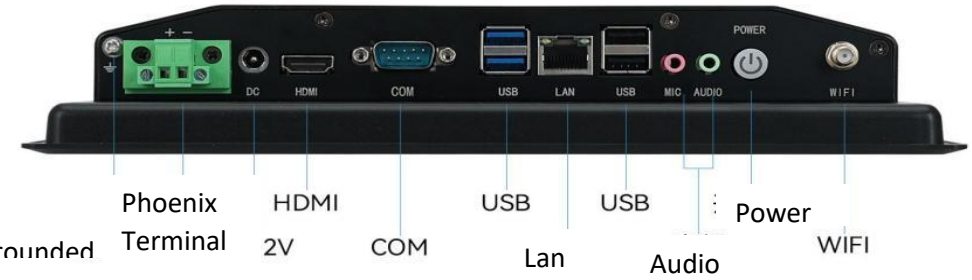
Tech Specs

LCD Panel	**Screen diagonal**	12.1 inch	**Touch Panel**	**Touch technology**	PCAP
	Physical resolution	1024*768		**Response time**	<5ms
	Aspect ratio	4:3		**Touch points**	10 points standard
	Display active screen size (mm)	247*185.5 mm		**Touch effective recognition**	>1.5mm
	Colours displayed	16.7M , 52% (CIE1931)		**Scanning Frequency**	200Hz
	Brightness (cd/m2）	≥250cd/m2 ≥500cd/m2 options		**Scanning accuracy**	4096 * 4096
	Contrast	≥ 1000：1		**Working Current/Voltage**	180Ma/DC+5V±5%
	Visual Angle H/V (°)	85/85/85/85(Typ.)(CR≥10)			
	Backlight Lifetime (hours)	LED 30000		**Surface Hardness**	Mohs class 7 explosion-proof glass
	Refresh Rate	60 Hz			
Operation Environment	**Operation Temperature**	0℃-50℃ -20℃-70℃ options	**Dimension**	**Machine(cm)**	30.05（W）*23.9（H）* 4.73（T）
	Operation Humidity	10% - 80%		**Embedded opening size(cm)**	29.05（W）*22.9（H）
	Storage Temperature	-5℃-60℃		**Net weight**	2.21 KG
	Storage Humidity	10% - 85%		**Gross weight**	3.97KG
	EMC	CE/FCC Class B		**Package Size(mm)**	495*372*95 mm

Power supply parameters	**Power Input**	110-240V AC 50/60Hz	**Included in the Delivery**	**Manual**	* 1
	Power Output	DC 12V3A		**Panel mount Sets**	* 1
	Standby power consumption	≤0.5W		**WIFI antenna**	* 1
	Overall power consumption	<36W		**Power Adapter&cable**	* 1
	EMC	CE/FCC Class B			

PC System-Windows	**CPU**	Intel® Core™ **i5-7300U**	N5095	Industrial J6412
	Graphic GPU	Intel® HD Graphics 620	Intel® UHD Graphics	Intel® UHD Graphics for 10th Gen Intel® Processors
	Memory	DDR4-2666MHz-SODIMM-8G/16G/32G	DDR4-2666MHz-SODIMM-8G/16G/32G	DDR4-2666MHz-SODIMM-8G/16G/32G
	Storage	mSATA-128G/256GB/512G NVME optional	mSATA-128G/256GB/512G NVME optional	mSATA-128G/256GB/512G NVME optional
	Network	10/100/1000M RJ45, 802.11a/b/ g/n/ac Wifi	10/100/1000M RJ45, 802.11a/b/ g/n/ac Wifi	10/100/1000M RJ45, 802.11a/b/ g/n/ac Wifi
	Pre-installed OS	Windows 10 /11/Linux	Windows 10 /11/Linux	Windows 10 /11/Linux
				Wide voltage input **DC12-24V**

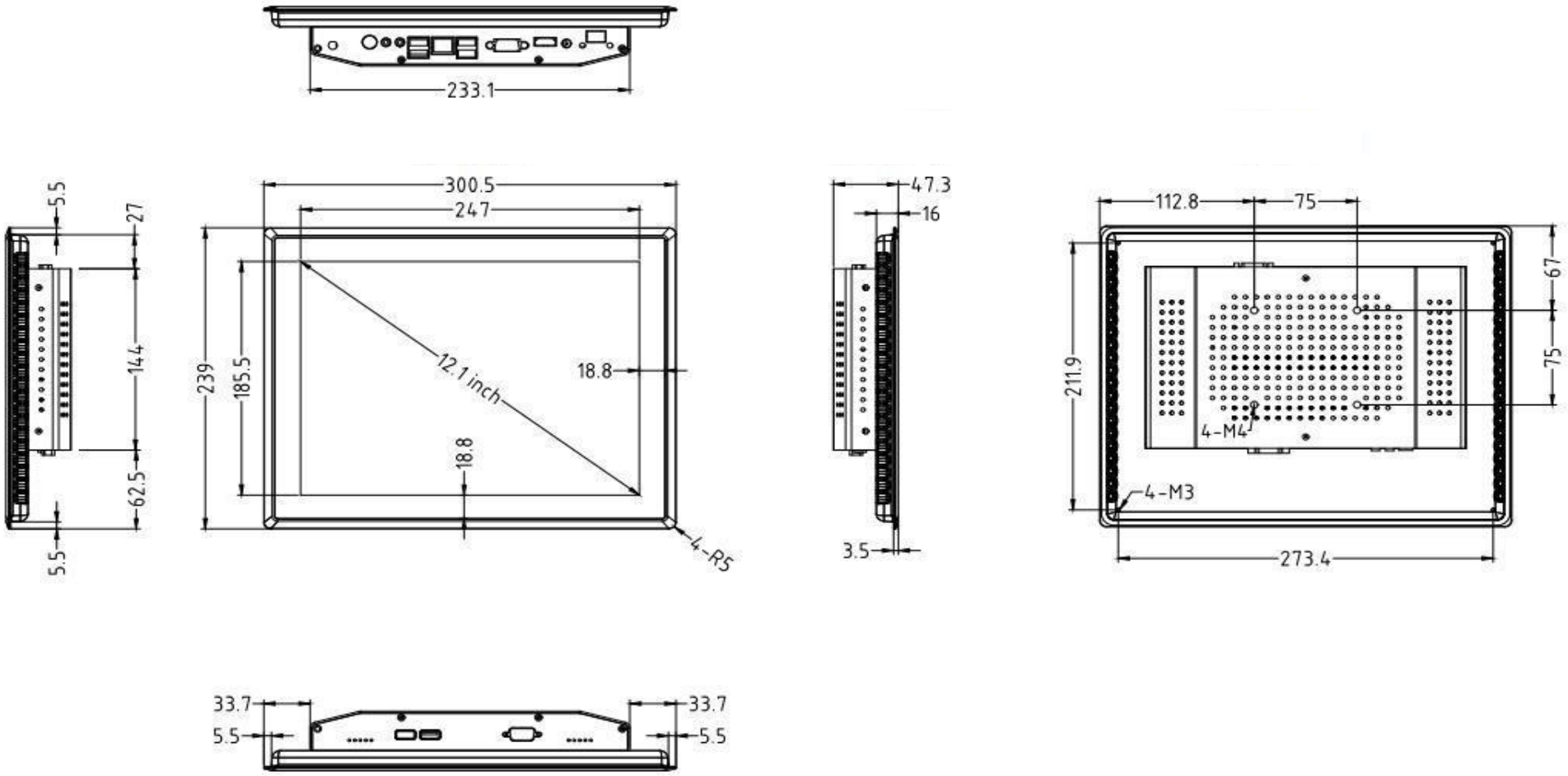
External Connectors

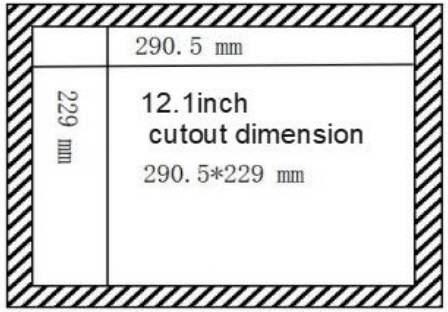




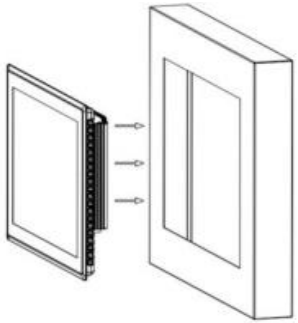
RJ45 Ports	* 1 (2 optional)	**Audio I/O**	* 1	**USB**	*6	**WIFI**	* 1
DC In	2.5mm DC12V*1 /2P Phoenix Termi	**HDMI out**	* 1	**Earphone/MIC interface**	*1/1	**COM**	2 * RS-232(1 * RS-485 optional)

Dimension&Installation

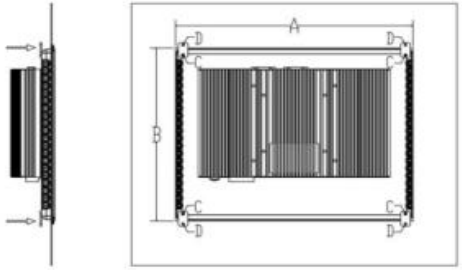




Step 1



step 2



step 3

Use Case

