

PMS3708A - 8.4" TFT LCD Fanless Touch Panel PC



Features Highlight

- 8.4" 450nits high brightness TFT LCD with LED Backlight
- Dual Ethernet provides continuous network service and allowssharing among different workgroups in two diffeent subnets
- One internal 2.5" SATA HDD and CF slot
- Robust aluminum front bezel and metal casing
- IP65 Compliant Aluminum Die-Casting Front Bezel



The PMS3708A is an all-in-one industrial touch panel pc that features an IP65 compliant front bezel protection and highly integrated embedded board. The PMS3708A supports Intel® Atom N270 low voltage processor. It has a built-in Anti-shock designed enhances protection performance of hard drives dramatically in terms of shock and vibration tests. An on-board watchdog timer and power management makes it suitable for continuously run applications in unattended environments. The high performance super I/O chip in the panel pc provides interface ports, such as two RS232, one RS232/422/485 and two USB2.0 ports to a wide array of external devices. The PMS3708A-N26 provides two RS232, one 422/485, HDMI port and two USB3.0, two USB2.0 ports.

The PMS3708A panel computer is designed specially for applications that require a computing solution providing space serving efficiency and operation capacity in harsh environment.

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GS-35F-0496K

PMS3708A - 8.4" TFT LCD Fanless Touch Panel PC



Specifications

Item No.	PMS3708A-N26	PMS3708A-N270
Front Bezel	IP65 Aluminum Die-Casting Front Bezel	
LCD Size	8.4" TFT LCD	
Touch Screen	4-wire resistive type with RS-232 interface	
Resolution	800 x 600	
Brightness	450 Nits	
Contrast Ratio	600:1	
LCD Color	262K	
Pixel Pitch (mm)	0.213(H) x 0.213(V)	
Backlight MTBF	50,000 hrs (LED Backlight)	
View Angle(H/V)	160° / 140°	
Chipset	Intel® NM10	Intel 945GSE + ICH7M
CPU Processor	Intel® Atom™ N2600 Dual-core 1.6GHz Processor	Intel® Atom™ N270 1.6GHz Processor
System Memory	1 x 204-pin DDR3 800MHz SO-DIMM (max. 2GB)	1 x 200-pin DDR2 533MHz SO-DIMM (max. 2GB)
I/O Connector	2 x RS232 COM Ports 1 x RS-422/485 Port 2 x RJ-45 for GbE LAN 2 x USB 3.0, 2 x USB 2.0 1 x HDMI Port , 1 x VGA Port 1 x Audio (Line-in, Line-out, MIC-in) 1 x PS/2 (KB/MS) 1 x 12VDC input Power Jack 1 x Power Switch	2 x RS232 COM Ports 1 x RS-232/422/485 Port 2 x RJ-45 for GbE LAN 2 x USB 2.0 1 x VGA Port 1 x Audio (Line-in, Line-out, MIC-in) 1 x PS/2 (KB/MS) 1 x 12VDC input Power Jack 1 x Power Switch
SSD	1 x mSATA	CompactFlash™ type II
Drive Bay	1 x 2.5" SATA HDD Bay	
Expansion Slot	1 x PCIe mini card	
Power Supply	Power Adapter 60W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	
Mounting	Supports Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm	
Operation Temperature	14°F~122°F (-10°C~50°C)	
Storage Temperature	-4°F~140°F (-20°C~60°C)	
Relative Humidity	5%~95% @ 60°C, non-condensing	
Vibration	5~17Hz, 0.1" double amplitude displacement 17~640Hz, 1.5G acceleration peak to peak	
Shock	10G acceleration part to part (11ms)	
Dimensions(WxHxD)	9.6" x 6.89" x 3.4" (244 x 175 x 86.5 mm)	9.6" x 7.08" x 3.16" (244 x 178 x 80.2 mm)
Net Weight	4.84 lbs (2.2 Kg)	

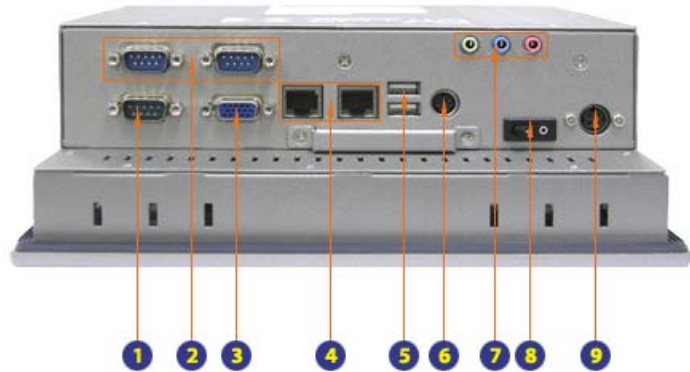
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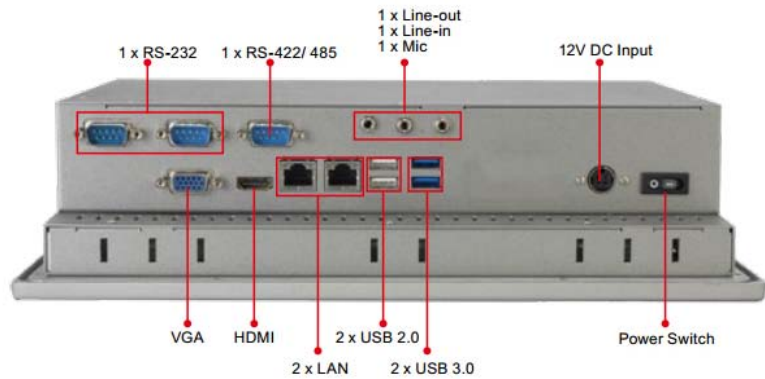
Detail Views

PMS3708A-N270 Panel PC I/O View

1. 1 x RS-232/422/485
2. 2 x RS232
3. 1 x VGA Port
4. 2 x RJ-45 LAN Ports
5. 2 x USB2.0 Ports
6. 1 x PS/2 KB/MS Port
7. 1 x Line-in,
1 x Line-out,
1 x Mic-in
8. Power Switch
9. 12V DC Input

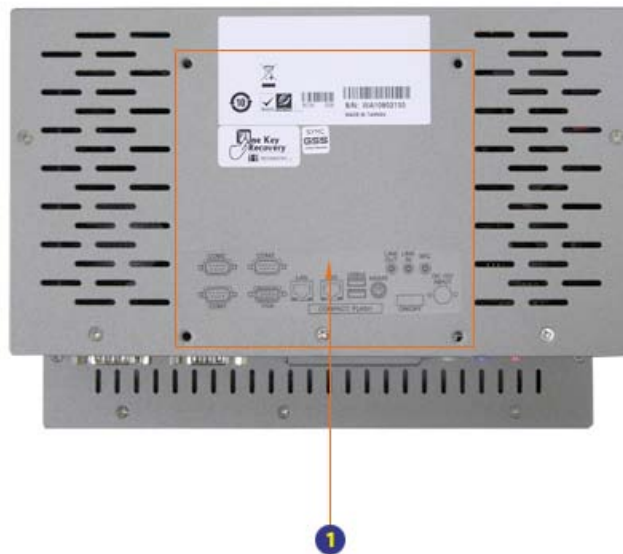


PMS3708A-N26 Panel PC IO View



PMS3708A Panel PC Back View

1. VESA 100 Mount Holes



PMS3708A - 8.4" TFT LCD Fanless Touch Panel PC



Packing List

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Item	Part No.	Description
Fan Module	19FRDL5010B5-000001-RS	+5V, 50*50*10MM, FOR PPC-2708GS-LX800 (Please install the fan under -10°C~50°C with HDD operating environment)
Screw Kit	19600-000205-RS	
Power Cord	63040-010060-040-RS	EUROPEAN Standard ,1830MM, PLUG(16A 250V), CONNECTOR (10A 250V)
Power Adapter	63040-010060-050-RS	84W, 90VAC~264VAC for PPC-3708A-N270 & PPC-3708A-N26
	63000-FSP084DMBA1308-RS	84W, 90VAC~264VAC for PPC-3708GS-945
PS/2 Cable	32006-000300-100-RS	1 x MINI DIN 6PIN MALE; 2 x MINI DIN 6PIN FEMALE
Panel Mounting Kit	19Z00-000026-RS	
Wall Mounting Kit	41014-057602-00-RS	ULTRA SET PLATE
	41020-016102-00-RS	WALL MOUNT BRACKET
IEI One Key Recovery CD	IEI-7B000-000478-RS	
Touch Screen Driver CD / Touch Pen		
User Manual & Driver CD		

IQ Mounting Options

Item	Part No.
Rack Mount Kit	RK-084MS-R10
ARM	ARM-11-RS
STAND	STAND-100-RS

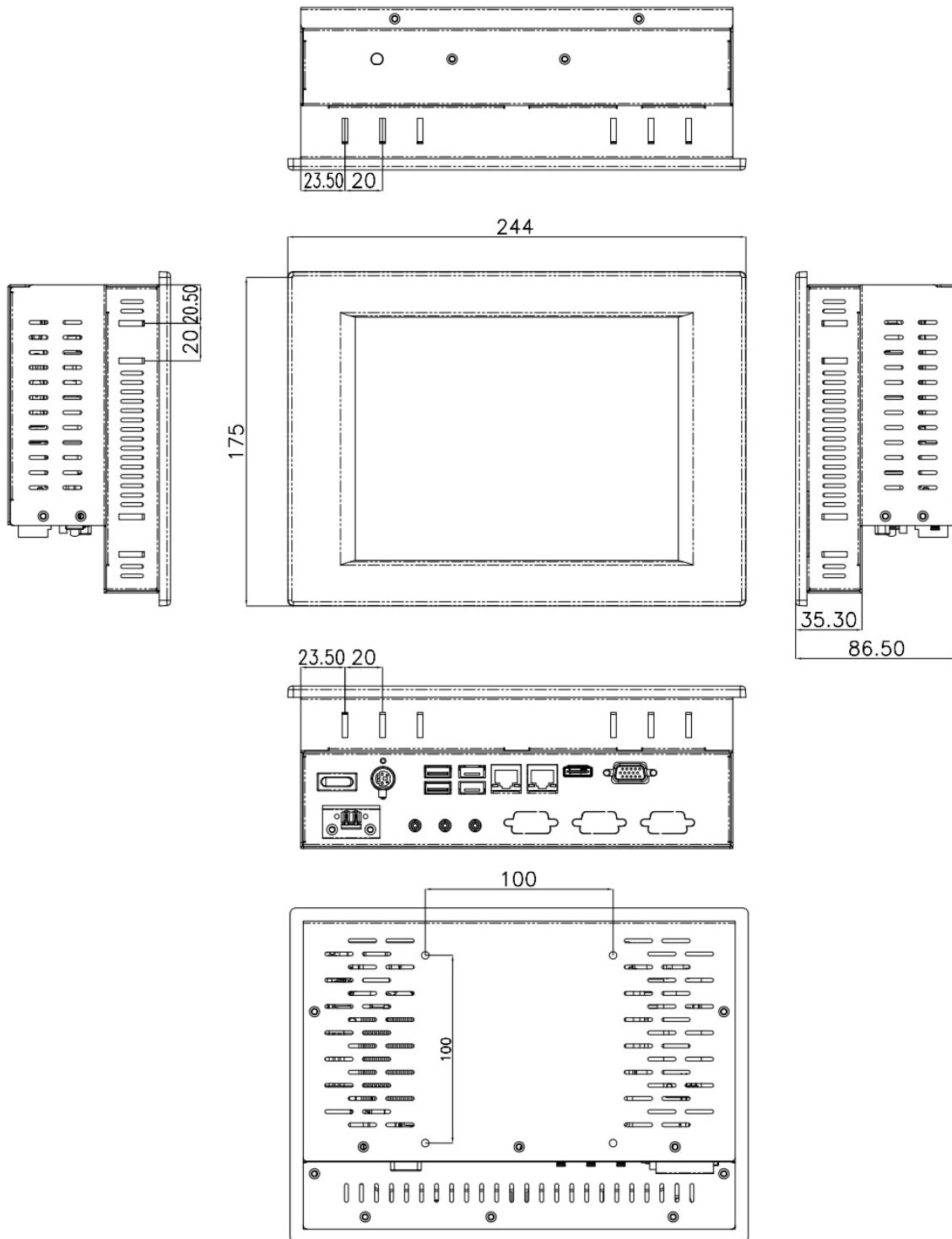
Options

Item	Part No.	Description
RS-422/485 Cable	32200-075202-RS	(A) D-SUB 9PIN MALE (B) DU PONT 2*7P P=2.0 FEMALE
HDD IDE Cable	32221-000200-100-RS	100MM, IDE 44-pin
Wi-Fi module	PPC-WL-KIT02-R10	Wi-Fi module with RF cable and antenna, 2T2R, 802.11 b/g/n for PPC-37xxA-N26

PMS3708A-N26 - 8.4" TFT LCD Fanless Touch Panel PC



Mechanical Drawing



PMS3708A-N270 - 8.4" TFT LCD Fanless Touch Panel PC



Mechanical Drawing

