

PMS-3708A 8.4" TFT LCD Industrial 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 PMS-3708A is an all-in-one industrial touch panel pc that features an IP65 compliant front bezel protection and highly integrated embedded board. The PMS-3708A 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 PMS-3708A panel computer is designed specially for applications that require a computing solution providing space serving efficiency and operation capacity in harsh environment.



GS-35F-0496K

1 - 8 0 0 - 8 7 2 - 4 5 4 7

www.bsicomputer.com

PMS-3708A 8.4" TFT LCD Industrial Panel PC



Specifications

Item No.	PMS-3708A
Front Bezel	IP65 Compliant Aluminum Die-Casting Front Bezel
LCD Size	8.4" TFT LCD
Touch Screen	4-wire resistive type with RS-232 interface
Resolution	800(W) x 600(H)
Brightness(cd/m²)	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)	140/160
Chipset	Intel 945GSE + ICH7M
CPU Processor	Intel® Atom™ process N270 1.6GHz CPU
System Memory	1 x 200-pin SO-DIMM supported (max. 2GB)
I/O Connector	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	CF 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 7.08" x 3.16" (244 x 178 x 80.2 mm)
Net Weight	4.85 lbs (2.2 Kg)

1 - 8 0 0 - 8 7 2 - 4 5 4 7

www.bsicomputer.com

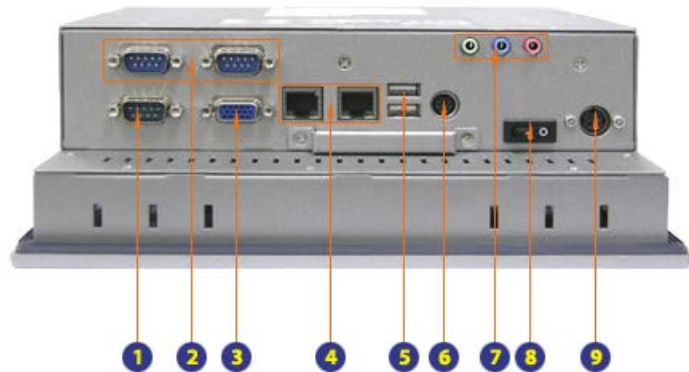
PMS-3708A 8.4" TFT LCD Industrial Panel PC



Detail Views

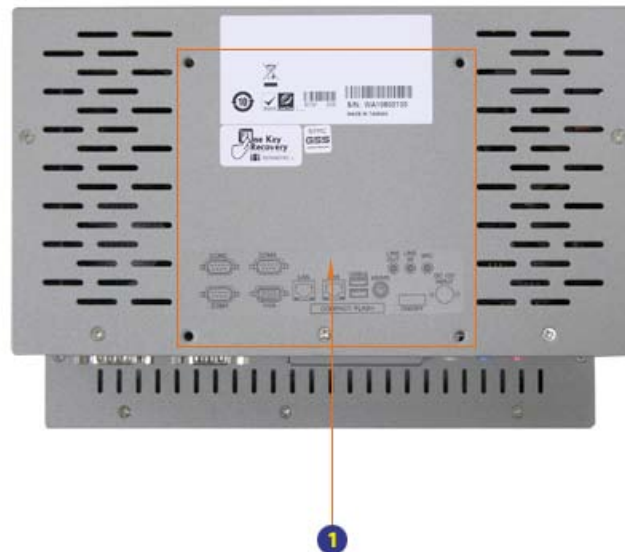
PMS-3708A Industrial Panel PC I/O View

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



PMS-3708A Industrial Panel PC Back Side View

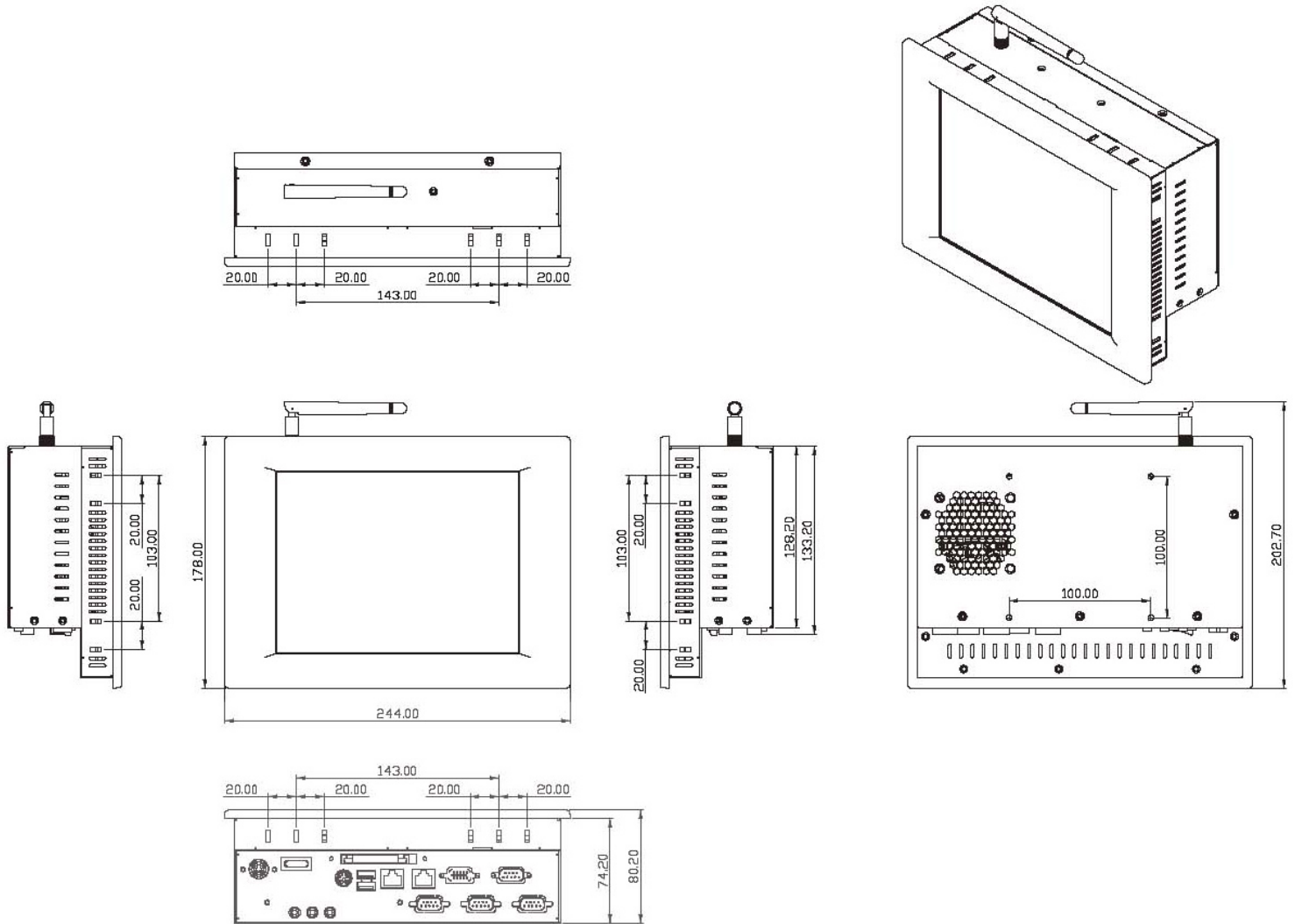
1. VESA 100 Mount Holes



PMS-3708A 8.4" TFT LCD Industrial Panel PC



Mechanical Drawing



1-800-872-4547

www.bsicomputer.com