

# PMS3177 - 17" TFT LCD Fanless Touch Panel PC



## Features Highlight

- 17" 1280 x 1024 350 nits SXGA with Modulized Design
- Resistive Touch Screen
- Intel® Bay Trail-D Celeron® Processor J1900 4C@2.0GHz
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Supports WLAN/3G Module & antenna (optional)
- Supports 2 Gigabit LAN, 2 USB 2.0, 2 USB 3.0 & 2 COM ports
- Supports panel mount VESA Arm/Desktop Stand/Wall Mount (Optional)
- IP65 Flat Front bezel, Fanless Touch Panel Computer
- Supports wide temperature range of -14°F ~ +122°F



The PMS3177 is a 17" SXGA flat front bezel fanless touch panel computer with modulized design, unit combines the features of 17" SXGA TFT LCD with resistive touch screen and low power consumption Intel® Celeron® processor. it supports up to 8GB DDR3 Memory, built-in dual Gigabit Ethernet ports, comes with two COM ports and four USB ports. With the growing demand of wireless application, it provides two mini card slots for wireless/3G network connection. By just plugging in the WLAN/3G mini card, customers have instant access wireless environment.

The PMS3177 built with IP65 flat front bezel, and it adopts unique extended temperature technology that supports wide temperature range from -14°F ~ +122°F, with fanless cooling system and compact design for harsh environment. This model is suitable for many applications including transportation, train, control platform of ships, heavy industry, and oil pipe monitoring systems.

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GS-35F-0496K

# PMS3177 - 17" TFT LCD Fanless Touch Panel PC



## Specifications

Item No.	PMS3177
Front Bezel	IP65 Front Bezel
LCD Size	17" SXGA TFT LCD
Touch Screen	Resistive Touch Screen
Resolution	1280 x 1024 pixels
Brightness(cd/m <sup>2</sup> )	350 nits
Onboard Graphics	Integrated Intel® GFX
BIOS	AMI UEFI BIOS
CPU Processor	Intel® Bay Trail-D Celeron® Processor J1900 4C@2.0GHz
System Memory	1 x 204-pin DDR3L 1333 and 1600 MT/s SO-DIMM (max. 8GB)
I/O Connector	2 x RS-232/422/485 (default RS-232) 1 x Audio (Line-out) 2 x USB 2.0 2 x USB 3.0 2 x 10/100/1000Mbps Ethernet (Intel® i210IT)
Drive Bay	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
Watchdog Timer	255 levels, 0~255 sec.
Expansion Slot	1 x PCIe Mini Card slot (w/SIM slot, full size) 1 x PCIe Mini Card slot (support mSATA optional, full size)
Wireless Connection	Supports WLAN/3G module & antenna (optional)
Mounting Kit	Supports Panel Mount VESA Arm/Desktop Stand/ Wall Mount (Optional)
Power Supply	9-36VDC Terminal Block Connector Screw Type 60W 100-240V AC-DC Power Adapter (Optional)
Operation Temperature	14°F -122°F (-10°C-50°C)
Relative Humidity	20%~90% @ 104°F (40°C); non-condensing
Vibration	2G, 10 ~ 500Hz, random for CompactFlash™
Dimensions(WxHxD)	15.64" x 13" x 2.36" (398.02 x 330.44 x 59.9mm)
Net Weight	TBD
EMC	CE

# PMS3177 - 17" TFT LCD Fanless Touch Panel PC

## Detail Views

### PMS3177 Fanless Panel PC Front View

17" SXGA TFT LCD Flat Flat  
Resistive Touch Panel, 1280  
x 1024 Resolution, 350 nits  
Brightness

### PMS3177 Fanless Panel PC I/O View

1. Power Switch
2. 9~36VDC Terminal Block Connector
3. Screw conn. w/ AC Power Adapter (Optional)
4. 2 x USB 2.0
5. 2 x RS-232/422/485
6. 2 x 10/100/1000Mbps Ethernet
7. 2 x USB 3.0
8. Audio (Line-out)

### PMS3177 Fanless Panel PC Side View

1. 1 x CFast™ Slot



# PMS3177 - 17" TFT LCD Fanless Touch Panel PC

## Detail Views

### PMS3177 Fanless Panel PC Rear View

1. Modulized design



### PMS3177 Fanless Panel PC Functions

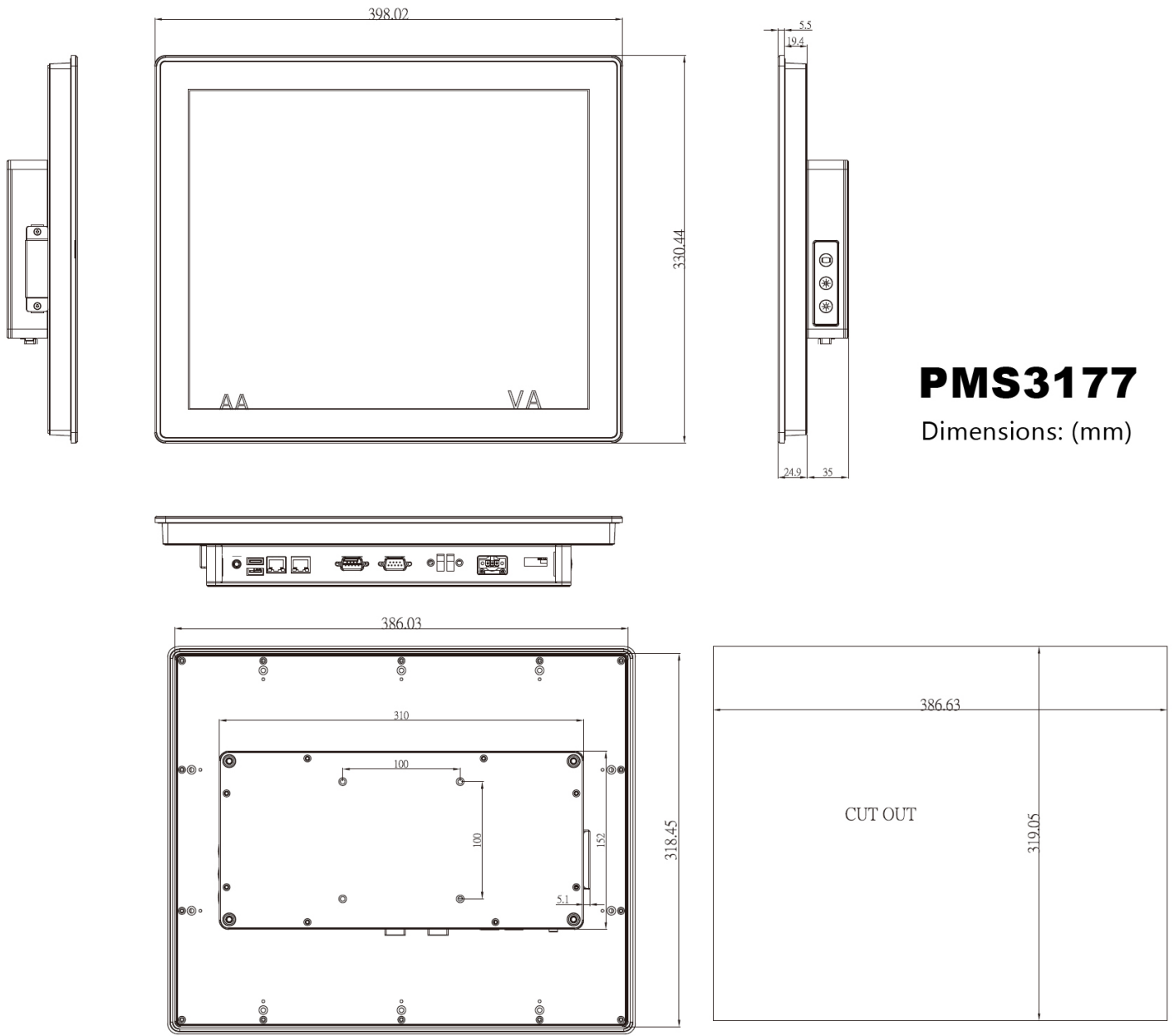
1. Backlight Switch,  
Brightness Adjustment



# PMS3177 - 17" TFT LCD Fanless Touch Panel PC



## Mechanical Drawing



**PMS3177**  
Dimensions: (mm)