

# PMS7819 - 19" TFT LCD Fanless Touch Panel PC



## Features Highlight

- 19" 1280 x 1024 XGA TFT LCD Fanless Panel PC
- Intel® Atom™ D2550 Dual Core 1.86GHz Processor
- 1 x 204Pins 800/1066MHz DDR3 SO-DIMM Memory (Max. 4GB)
- Support 2 x SATAII or 1 x SATAII + Slim DVD Optical Drive (Optional)
- 6 x USB 2.0 Port, 4 x COM Port, DIO 4-In 4-Out and 1 x Parallel Port
- 2 x PCI Expansion Slot (PCIe to PCI Riser Card )
- 2 x 10/100/1000Mbps and Wake on LAN
- Easy Maintenance (Modular Design)
- IP65 Stainless Steel Front Bezel



The PMS7819 is a Touch Panel PC designed to be power efficient and fan-less. It incorporates a 19" SXGA TFT LCD. The stainless steel bezel protects the display and has been rated at IP65. The onboard Intel Atom D2550 processor and up to 4GB of DDR3 memory make it an ideal Panel PC for interactive kiosk. Internally there is an option of having two 2.5" HDD or one 2.5" HDD with the optional slim SATA DVD. There is also an option to have two PCI slots available for proprietary or third party cards. The dimensions are 497 x 420 x 93.4 mm.

The PMS7819 has a robust set of I/Os consisting of six USB 2.0, one PS/2 port, one Parallel port and four COM port. There are also 4-in /4-out Digital I/O, two LAN and a VGA port for a second monitor.

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GS-35F-0496K

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## Specifications

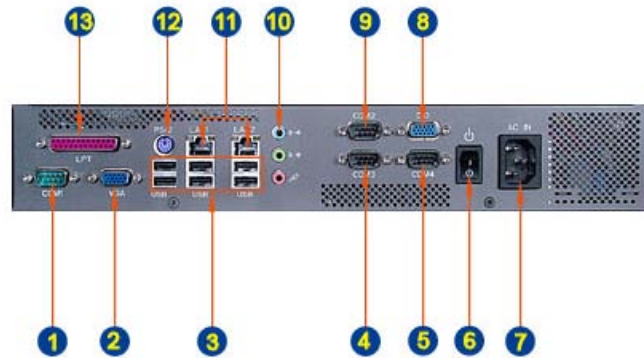
Item No.	PMS7819
<b>Front Bezel</b>	IP65 Stainless Steel Front Bezel
<b>LCD Size</b>	19" SXGA TFT LCD w/ LED Backlight
<b>Touch Screen</b>	5W Analog Resistive (USB Interface)
<b>Resolution</b>	1280 x 1024
<b>Brightness(cd/m<sup>2</sup>)</b>	300 nits
<b>Watchdog</b>	1~255 Secs Watchdog Timer Selectable
<b>Chipset</b>	NM10
<b>CPU Processor</b>	Intel® Atom™ D2550 Dual Core 1.86GHz Processor
<b>System Memory</b>	1 x 204-pin DDR3 SO-DIMM Memory (Max. 4GB)
<b>VGA</b>	1 x VGA
<b>I/O Connector</b>	3 x RS-232, 1 x RS-232/422/485 (All COM Ports Support +5V or +12V) 6 x USB 2.0 1 x Parallel port (SPP / EPP / ECP) 1 x Digital I/O (4-In /4-Out) 2 x Gigabit Ethernet (Support 10/100/1000Mbps and Wake on LAN)
<b>Expansion Slot</b>	2 x PCI Slot (Optional)
<b>Keyboard / Mouse</b>	1 x PS/2 Port
<b>Drive Bay</b>	2 x 2.5" HDD or 1 x 2.5" HDD + 1 x Slim DVD Optical Drive (Optional)
<b>Audio</b>	1 x Line in / Line out / MIC in
<b>Power Supply</b>	ATX 130W Power Supply
<b>Mounting</b>	Supports 75 mm / 100 mm VESA Bracket (Optional)
<b>Operation Temperature</b>	32° ~ 104°F (0° ~ 40°C)
<b>Storage Temperature</b>	-4° ~ 176°F (-20° ~ 80°C)
<b>Humidity</b>	Operating: 20 ~ 90% RH (no condensation) Storage: 10 ~ 95% RH (no condensation)
<b>Dimensions(WxHxD)</b>	19.57" x 16.54" x 3.68" (497 x 420 x 93.4 mm)
<b>Net Weight</b>	22.44 lbs (10.2 Kg)
<b>Certification</b>	CE/ FCC

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## Detail Views

### PMS7819 Fanless Touch Panel PC I/O View

1. 1 x RS-232 COM Port
2. VGA Port
3. 6 x USB 2.0
4. 1 x RS-232 COM Port
5. 1 x RS-232 COM Port
6. Power Switch
7. ATX 220W Power Supply
8. 1 x Digital I/O (4-In / 4-Out)
9. 1 x RS-232/422/485 COM Port
10. Audio (Line-in, Line-out and Mic-in)
11. 2 x Gigabit Ethernet
12. 1 x PS/2 Port
13. LPT



### PMS7819 Fanless Touch Panel PC Side View

1. 1 x Slim DVD Optical Drive (Optional)



### PMS7819 Fanless Touch Panel PC Accessories

1. Support 75 mm / 100 mm VESA Bracket (Optional)



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## Mechanical Drawing

