

PMS-5290R 19" TFT LCD Industrial Panel Computer



Features Highlight

- ▶ Industrial panel pc.
- ▶ 19" LCD monitor.
- ▶ High performance Intel Pentium 4 Celeron D CPU support.
- ▶ Dual DDR 400MHz DIMM socket up to 2GB
- ▶ Dual SATA - 50 with RAID 0, function support
- ▶ Dual Removable 3.5" HDD module support (Optional)
- ▶ Dual Gigabit Ethernet support
- ▶ Aluminum front panel meet IP65 standard.
- ▶ RoHS Compliance.



The PMS-5290R is an industrial panel PC that supports Pentium® 4 Processors with HT Technology that enables higher data throughput of multi-threaded code and greater overall system performance for today's fast-paced, interactive and other demanding applications.

The PMS-5290R southbridge chipset supports RAID 0 and RAID 1 SATA RAID. When using RAID 0 the system stripes data across two disks. Read/write speeds dramatically increase ensuring enhanced performance. RAID 1 mirrors data onto two disks. If one disk fails the system can continue to run because the operational disk continues to operate. RAID 1 ensures no data is lost if one disk fails.

The dual removable 3.5" HDD modules on the PMS-5290R with hot-swap capabilities ensure simplified data storage backup and replacement, an essential feature in data intensive applications. Removable HDD modules enable easier storage capacity expansion and facilitates data mobility. One HDD is viewed by the PPC as a master drive and the other as a slave drive.

PMS-5290R industrial panel PC provide many expansion interfaces including one standard 32-bit PCI slot for various PCI add-on card, one PCI-E x , and one mini card socket for a small form factor extender such as wireless module.



GS-35F0496K

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LCD Size:	19" High luminance TFT LCD display
Panel Type:	Fully RoHS compliant
Max.Resolution:	1280 x 1024 XGA
Brightness:	300 cd/m ²
Backlight MTBF:	50,000hrs
Contrast Ratio:	700:1 (Typ)
Chipset:	SiS 661CX + SiS 966
SDD:	CF Type II
CPU:	Socket-775 Intel® Pentium® 4 Celeron® 4 processors with 800MHz or 533MHz FSB
RAM:	2 x DDR 400MHz DIMM sockets support up to 2GB of memory
I/O Ports:	1 x RS-232/422/485 ports 3 x RS-232 ports 6 x USB 2.0 ports 2 x PS/2 ports (KB/MS) 1 x VGA out 1 x LPT 2 x LAN 3 x Audio (Line-in, Line-out, MIC-in) 2 x IDE 2 x SATA
HDD Drive Bay:	2 x 3.5" SATA / IDE removable HDD bay or 2 x 3.5" HDD bay with anti-shock
CD-ROM Drive Bay;	1 Slim type CD/DVD drive bay and 1 x Slim Type FDD bay
Construction front panel:	Aluminum
Mounting:	Wall/Panel/RACK/ARM mount
Operation Temperature:	0~50°C
Front Panel Protection:	meets IP65
Shock:	10G acceleration part to part (11ms)
Vibration:	5~17Hz, 0.1" double amplitude displacement 17~640 Hz, 1.5G acceleration peak to peak
Dimensions:	19.01" x 12" x 5.94"(483W x 305H x 151D mm)
Touch Screen:	Optional resistive type touch screen with RS-232 interface

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Mechanical drawing

