



PCH17051 - 17" Rugged Panel-PC, 1.6GHz, Fanless

Equipped with Intel ATOM N270 1.6GHz processor featuring 45nm processing, Hyper-Threading technology and low power consumption (TDP 2.5W), PCH17051 is suitable for fanless Panel-PC application. The variety cabinet designs and feature-rich options will meet all your applications, even in harsh industrial environments.



LCD Screen Specification:

- 17" color TFT LCD
- Contrast Ratio: 800 : 1
- Resolution: 1280 x 1024
- Response time: ≤ 5 ms
- Brightness: 300 cd/m2
- 24V DC-IN (4Din Connector)

CPU	Intel® 45nm Atom N270 1.6GHz Processor
FSB	533 MHz
BIOS	Award 16 Mb SPI BIOS
System Chipset	Intel 945GSE + ICH7-M Chipset
I/O Chip	Winbond W83627DHG-A
System Memory	1 x 200-pin SO-DIMMs up to 2GB single Channel DDR2 533 SDRAM , non-ECC
SSD	One CompactFlash Type I/II socket
Watchdog Timer	Reset: 1 sec.-255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring temperatures, voltages, and cooling fan status. Auto throttling control when CPU overheats
Expansion	1 x PCI (PCI Rev. 2.3 compliant) supports 3 PCI master
S3/S4	Yes
TPM	TPM1.2 (Infineon TPM chip 9635 TT 1.2 on board)LAN (PME / RPL)
Wake up on Lan or Ring	YES(1 x fan connector)
DIO	8-bit General Purpost I/O for DI and DO

Options:

- Sunlight readable Panel (High brightness or Transflective)
- Web Cam for video conference
- Auto-Light-Sensor for day and night usage
- Motion Sensor
- GPIO ports
- .. ect.



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