

WLP-6821-10S

10" VIA C7 Fanless Panel PC



Features

- True Fanless Thermal Solution
- VIA C7 1.0G
- IP65 / NEMA4 Water / Dust Proof on Front & Rear Bezel
- LAN / CF / Audio / USB2.0 *4
- Power Input DC 12V ~ 28V
- SKD Design
- Supports 802.11b/g Wireless Solution (Optional)



System

CPU	Onboard VIA C7 1.0 GHz (9W)
Chipset	VIA CN700 + VT8237R plus
BIOS	AMI BIOS Support ACPI Function with PXE function
Cache	Level-1 128K / Level-2 128K (CPU integrated)
VGA	VIA CN700 built-in AGP 8X graphics, shared system memory up to 64MB
Audio	AC97 Audio Codec, 2+2 watts power amplifier
LAN	VT6103 10/100Base-Tx Fast Ethernet PHY, support WOL/PXE function
Memory	1 x DDR2 533 SODIMM socket supports up to 1GB memory
I/O	VIA VT8237R plus
IDE	Serial ATA interface x 1
WDT	1~255 minutes, software programmable
H/W monitor	CPU & system temperature monitoring

Storage

HDD SATA 2.5" HDD drive bay

Expansion

CF Bootable Compact Flash slot for CF type I/II storages x 1
Mini-PCI 32-bit Mini-PCI socket
(support 802.11b/g and DVB modules) x 1

External I/O

USB USB 2.0 x 4
COM DB-9 x 3 (RS-232 x 2, RS-232/422/485 x 1)
LAN RJ-45 x 1
KB/Mouse PS/2 Keyboard & Mouse x 1
Audio Line-in, Line-out, and Mic-in audio jacks
Power DC-In connector x 1
Switch ATX power switch & RESET switch

Power

Power Input DC 12V ~ 28V
Power Adaptor AC90~264V / 47~63Hz
Front LED color: Power: Green / HDD accessing: Orange

Mechanical & Environmental

Operating Temperature 0~40 °C (fanless)
Storage Temperature -20~60 °C
Relative Humidity 10%~90%, non-condensing
Dimensions (L x W x D) 327 X 252 X 52 mm
Weight 3.7 Kg

Display

Resolution (pixel)	SVGA (800 x 600)
Active Area (mm)	211.2 (H) x 158.4 (V)
Pixel Pitch (mm)	0.264(H) x 0.264(V)
Number of Colors	262K
View Angle (H/V)	130/110
Brightness (cd/m2)	230
Contrast Ratio	400:1
Response Time (ms) (at 25°C)	25
Interface	LVDS
Supply Voltage (V)	3.3V
Backlight	CCFL

Touch screen

Controller Pen mount DMC9000 through COM port (on board)

Characteristics	Resistive, 4 wires
Touch Resolution	4096x4096
Stylus use possible beyond finger	No Limitation, can use any stylus
Glove use possible	Any type glove
Light transmittance	70% - 85%
Hardness	3H
Accuracy	98.50%
Response time	20 ms

