

WLP-6581-06

6.5" VIA Mark Processor 533MHz



Features

- 6.5" True Fanless Thermal Solution
- VIA Mark 533 CPU
- COM / VGA / LAN / CF / USB1.1 interfaces
- Resistive touch screen
- Optional overlay bezel



System

CPU	VIA Mark Processor 533MHz
BIOS	Phoenix Award PnP BIOS Memory size 2 M bits, with VGA BIOS. Supports S/IO Setup.
Chipset	Mark + VT82C686B (FSB : 133MHz)
Cache	Two large (64-KB each, 2-way) on-chip caches
VGA	Built-in VIA 8606, share system memory, support CRT & LVDS
Audio	AC '97 Codec, Realtek ALC202A with Line-in/Line-out / MIC
Memory	1 x 144-pin SO-DIMM, support PC100/133 SDRAM 256MB RAM
I/O	VT82C686B
IDE	1 x 44-pin IDE (DMA 33)
WDT	16 level Watchdog timer selectable w/Reset/NMI
H/W Monitoring	Monitor CPU Voltage, CPU temperature, and Cooling Fan.

Touch

Controller	Pen Mount 9026B control board (RS232 interface)
Screen	AMT, Resistive type, AD-09501 (4-wire)

Display

Panel	6.5" TFT LCD module (640x480) Brightness: 500 nits
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Model	G065VN01 V0
Resolution (pixel)	VGA (640 x 480)
Active Area (mm)	132.48 x 99.36
Pixel Pitch (mm)	0.207
Number of Colors	262K/16.2M
View Angle (H/V)	140 / 120
Brightness (cd/m2)	500
Contrast Ratio	600:1
Response Time (ms) (at 25°C)	25
Interface	1ch LVDS
Supply Voltage (V)	3.3
Backlight	2 CCFL
Weight (g)	200

External I/O

Serial Port	COM port x2, COM1 for RS232, COM2 for RS232/422/485
KB/Mouse	PS/2 Keyboard & Mouse x 1
LAN	Realtek RTL8139D (10/100Mbps), Support Wake-on-LAN with ATX power
USB	USB 1.1 ports x 2
CF	Compact flash slot (IDE) x 1

Mechanical & Environmental

Mounting	Panel mount / Overlay panel and Wall mount
Power supply adapter	5V/5A, 12V/2A, AT power
Operating Temperature	0° -40°C (fanless)
Operation Relative Humidity	20-90%, non-condensing
Humidity	
Storage Temperature	-20° -80°C
Storage Relative Humidity	20-95%, non-condensing
Dimensions (L x W x D)	(256MB): 207.6 x 147.5 x 65 mm (512MB): 207.6 x 147.5 x 79 mm
Weight	1.3 kg

