

WLP-7821-19M

19" Intel Core Duo Fanless Panel PC



Features

- 19" True Fanless Panel PC
- Socket 479 Intel® Core™ Duo / Solo processors low-power platform
- Intel 945GME integrated GMA950 technology
- COM / LAN / miniPCI / CF / Audio / USB interfaces
- HDD Anti-vibration mechanism
- Modulized design: Panel mount type, Open frame type
- Resistive, Capacitive, touch panel selectable
- Windows 7 compatible



System

CPU	mPGA479M socket, Supports Intel® Core™ Duo /Solo processors up to 2.16 G
Chipset	Intel® 945GME chipset + ICH7M
BIOS	4Mb AMI Flash BIOS
VGA	Intel® 945GME integrated VGA (GMA950)
Audio	Realtek ALC202A AC97 Audio Codec, 2+2 watts power amplifier
LAN	Realtek RTL8111B Gigabit Ethernet
Memory	Two DDR2 SODIMM socket supports up to 4GB
I/O	ICH7M
Serial ATA	SATA port with 150 MB/s transfer rate
WDT	1~255 seconds, software programmable

Storage

HDD	2.5" SATA HDD drive bay x 1 (with anti-vibration mechanism)
CF	Bootable Compact Flash slot for CF type I/II storages x1

Expansion

Mini-PCI	32-bit Mini-PCI socket x1
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LCD Panel

Size	19"
Resolution (pixel)	SXGA (1280 x 1024)
Aspect Ratio	5:4
Active Area (mm)	376.3 x 301.1
Pixel Pitch (mm)	0.294
Number of Colors	16.7M
Viewing Angle (H/V)	170 /160
Brightness (cd/m ²)	450
Contrast Ratio	1000:1
Response Time (ms)	5 (on/off)
Backlight	4 CCFL

Touch Panel

Characteristics	5 wire Resistive	Capacitive
Touch Resolution	2048x2048	4096x4096
Stylus use possible beyond finger	No Limitation, can use any stylus	Need special conductive stylus
Glove use possible	Any type glove	Only very thin latex glove
Light transmittance	81±3%	90% above
Hardness	≥ 3H	7 Mohs
life time	35 million touches	200 million touches

External I/O

USB	USB 2.0 x 4
COM	DB-9 x 4 (RS-232 x 3, RS-232/422/485 x 1)
LAN	RJ-45 x 1 (Gigabit Ethernet)
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
Indicator	Power and HDD indicator (Front LED color: Power: Green / Orange: HDD accessing)
DVI	DVI connector x 1

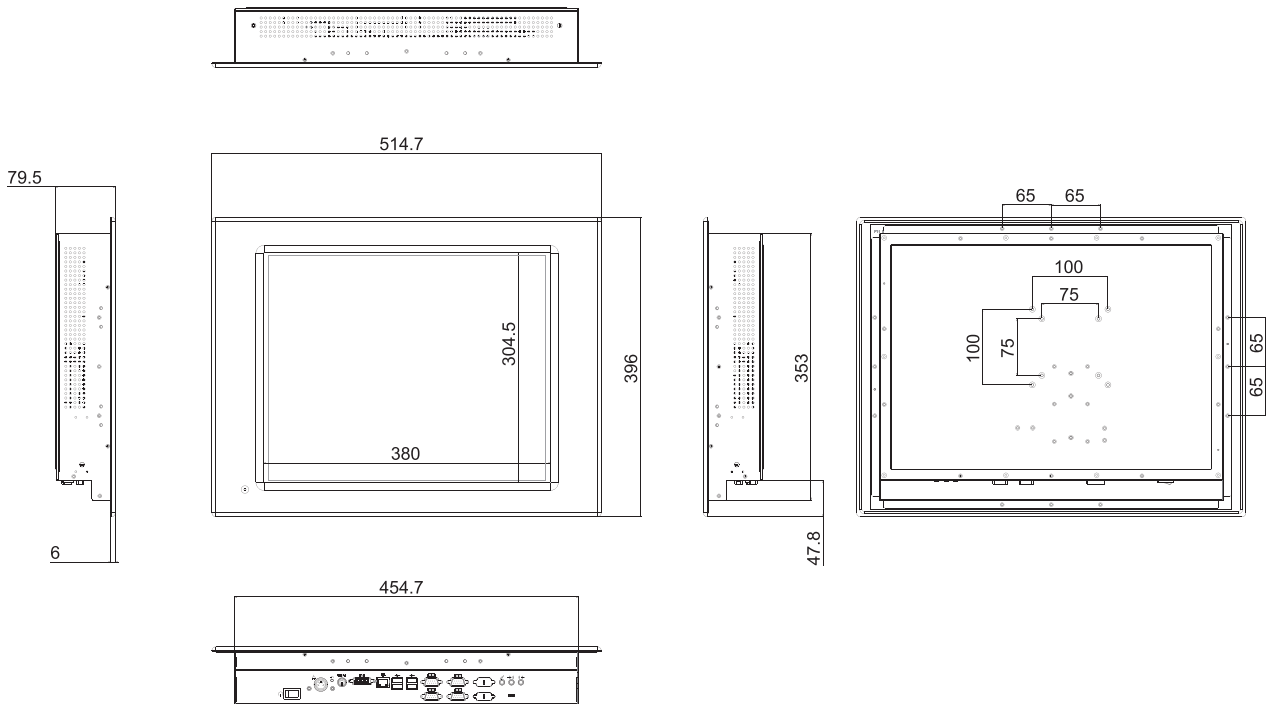
Mechanical & Environmental

ID design	Panel mount type with IP65 front bezel, Open frame type,
Power Input	DC12V~28V
Power Adaptor	AC 90 ~ 264V / 47 ~ 63 Hz/ DC input 12V
Operating Temperature	0~40°C (fanless)
Storage Temperature	-20~60°C
Relative Humidity	10%~90%, non-condensing
Dimension (W x H x D)	Resistive, Capacitive touch: 514.7x396x76.5mm
Weight	Open frame type: 8.0Kg Panel type: 9.8Kg
Mounting	VESA mount 75/100/Panel mount
Regulations	FCC-A , CE , VCCI , UL/cUL

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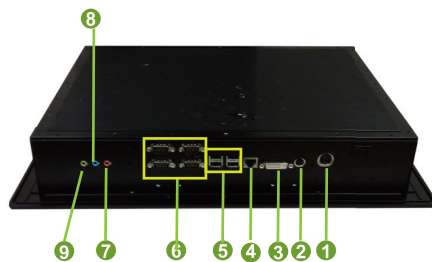
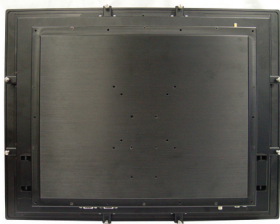
Drawing (preliminary)



Options

- wireless LAN module
- CF storage
- SSD storage

Fully-integrated I/O



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|-----------|------------|
| 1 Power | 7 Mic-in |
| 2 PS2 | 8 Line in |
| 3 DVI | 9 Line out |
| 4 LAN | |
| 5 USB 2.0 | |
| 6 COM | |

Ordering Information

- WLP- 7821-19M- **1 2 3 4** - CM1.86G-1G-160GB
- WLP- 7821-19M- **1 2 3 4** - CD2.16G-1G-160GB

1 B: Panel Mount type
N/A: Open frame type

2 K: Black color bezel
S: Silver color bezel

3 R: Resistive touch
C: Capacitive touch
G: tempered glass

4 T: with touch screen
N/A: without touch screen



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