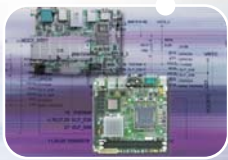




Portwell



Panel DIGI Life



➔ Panel Device Service

PARD-S080T

8.4" Atom™ Fanless Panel PC



PARD-S080T is high brightness and fanless 8.4" Panel PC leverage best cost and performance ratio of Intel Ultra Low voltage Atom™ Z510 Processor as its computing engine, feature variety I/O interface

such as Touch screen, 1x Gigabit Ethernet, 4x USB, 1x Serial port & 1x Audio In/Out capability. It meets most requirement of Interactive client like HMI, Automation.

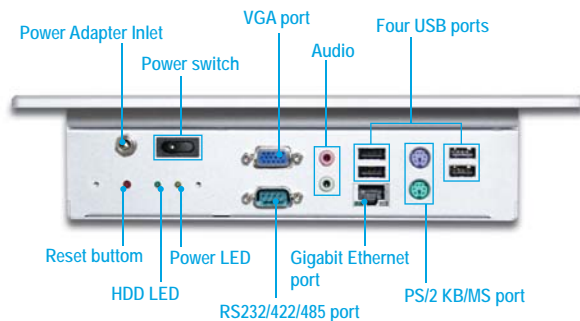
FEATURES

- High Brightness and long MTBF 8.4" Industrial grade panel
- Built-in 5-wire Resistive Touch Screen and Compact Flash access function
- Aluminum front panel meet with IP65 certification
- VESA, Panel, Openframe mounting support
- XP Embedded and WinCE. net Support

CPU	Intel® Atom™ processor Z510 (1.1GHz)
Chipset	Intel® System Controller Hub US15W
Memory	Up to 2GB DDR2 400/533 SDRAM on one 200 pin SODIMM
Storage	N/A
Solid State Disk	Compact Flash type II up to 32GB
VGA	Intel® system Control Hub US15W Integrated Graphics
Ethernet	Realtek Gigabit Ethernet
Audio	Realtek HD Audio Codec
I/O	- 1x RS232/422/485 - 4x USB 2.0 port - 1x Line-out, 1x MIC port - 1x VGA port - 1x Gigabit Ethernet port - 1 x PS/2 KB/MS
Touch screen	5-wire Resistive Touch
LCD	- Size: 8.4" - Resolution: 800x600 - Brightness: 450 cd/m ² - Contrast Ratio: 600:1 - Backlight MTBF: 50000 hrs
Expansion function	Wireless 802.11 b/g (Optional)
Operation Temp.	0-45°C degree
Storage Temp.	-20-80°C degree
Relative Humidity	5-95%, non-condensing
Weight	2.6Kg

Dimensions	270(w) x 210(H) x 65(D)mm
Mouting	VESA Mount 75x75, Panel Mount
Power Supply	DC 12V Input
Front Panel Protection	IP65 Compliant
Certificate	CE/FCC

REAR I/O



ORDERING GUIDE

- **PARD-S080**
Basic 8.4" panel PC
- **PARD-S080T**
Basic 8.4" panel PC with touch function
- **PARD-S80TW**
8.4" panel PC with wireless and touch function

PARD-S174T

17" High performance and Computing Panel PC



113mm

PARD-S174T is powerful and rugged panel PC based on Intel® Core™ 2 Duo Platform with Intel® Q965 Chipset. It features high computing power, high brightness. The aluminum front Panel, the rugged design

of PARD-S174T can withstand tough industrial environment. It meets most requirements of interactive client, such as HMI, Automation.

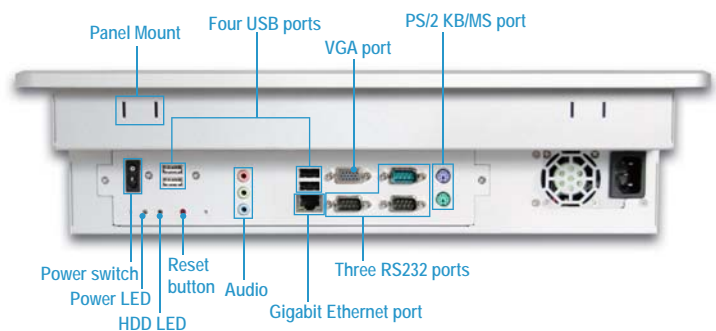
FEATURES

- High Brightness and long MTBF 17" Industrial grade panel
- Built-in 5-wire Resistive Touch Screen
- VESA, Panel, Openframe mounting support
- Aluminum front panel meet with IP65 Certification

CPU	Intel® Core™ 2 Duo Processor under 65W in LGA 775 package
Chipset	Intel® Q965GMCH & ICH8DO
Memory	Up to 4GB DDR2 667/533 SDRAM on two 240 pin SDRAM DIMM
Storage	2.5" SATA HDD
Solid State Disk	N/A
VGA	Intel® Q965 GMCH Integrated GMA 950
Ethernet	Intel® Gigabit Ethernet
Audio	Realtek HD Audio Codec
I/O	- 3x RS232 - 4x USB 2.0 port - 1x Lin-out, 1x Lin-in, 1x MIC port - 1x VGA port - 1x Gigabit Ethernet port - 1x PS/2 KB/MS
Touch screen	5-wire Resistive type
LCD	- Size: 17" - Resolution: 1280x1024 - Brightness: 300 cd/m ² - Contrast Ratio: 800:1 - Backlight MTBF: 50000 hrs
Expansion function	1x Mini-PCI socket (Optional)
Operation Temp.	0-45°C degree
Storage Temp.	-20-80°C degree
Relative Humidity	5-95%, non-condensing
Weight	10.5 Kg

Dimensions	430(w) x 370(H) x 113(D)mm
Mouting	VESA 75x75, 100x100, Panel Mount
Power Supply	AC 110/220 Input [DC12V, DC24V (optional)]
Front Panel Protection	IP65 Compliant
Certificate	CE/FCC

REAR I/O



ORDERING GUIDE

- **PARD-S174**
Basic 17" panel PC
- **PARD-S174T**
17" panel PC with touch function
- **PARD-S174TW**
17" panel PC with wireless and touch function

PARD-S071TW

7" Fanless and Rugged Panel PC



PARD-S071TW is the stylish compact and fanless small Panel PC leverage best cost and performance ratio of Intel® Ultra Low voltage Celeron® M Processor as its computing engine, feature variety I/O

interface such as Touch screen, 1x 10/100 Fast Ethernet, 4x USB, 2x Serial ports & 1 x Audio In/Out capability. It meets most requirement of Interactive client like HMI, Automation.

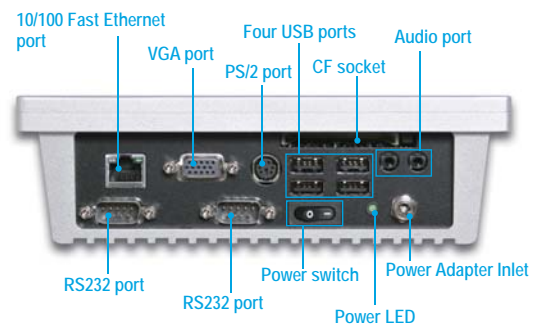
FEATURES

- 7" 16:9 WQVGA LTPS TFT
- Built-in Wireless function support
- Built-in 4-wire Resistive Touch screen and Compact Flash access Function
- Touch Screen and Compact Flash Card Support
- Aluminum front panel meet with IP65 certification
- XP Embedded and WinCE.net Support

CPU	Ultra Low Voltage Intel® Celeron® 1G MHz with Zero L2 Cache processor
Chipset	Intel® 852GM & ICH4
Memory	Up to 1GB DDR 200/266/333 SDRAM on one 200pin SODIMM
Solid State Disk	Compact Flash type II up to 32GB
VGA	Intel® 852GM Mobile optimized graphic controller
Ethernet	Intel® 82562 10/100 Ethernet
Audio	Audio 97 2.2 Codec
I/O	- 2x RS232 port - 4x USB 2.0 port - 1x Lin-out, 1x MIC port - 1x VGA port - 1x Ethernet port - 1 x PS/2 port - 1 x CF socket
Touch screen	4-wire Resistive Touch
LCD	- Size: 7" - Resolution: 800x480 - Brightness: 200 cd/m ² - Contrast Ratio: 300:1 - Backlight MTBF: 20000 hrs
Expansion function	Wireless 802.11 b/g
Operation Temp.	0-45°C degree
Storage Temp.	-20-80°C degree
Relative Humidity	5-95%, non-condensing
Weight	1.3Kg

Dimensions	199(w) x 140(H) x 60(D)mm
Mouting	VESA 75x75
Power Supply	DC 12V Input
Front Panel Protection	IP65 Compliant
Certificate	CE/FCC

REAR I/O



ORDERING GUIDE

- **PARD-S071**
Basic 7" panel PC
- **PARD-S071T**
7" panel PC with touch function
- **PARD-S071TW**
7" panel PC with wireless and touch function

PARD-S100T

10.4" Atom™ Fanless Panel PC



PARD-S100T is high brightness and fanless 10.4" Panel PC leverage best cost and performance ratio of Intel® Ultra Low voltage Atom™ Z510 Processor as its computing engine, feature variety I/O interface

such as Touch screen, 1x Gigabit Ethernet, 4x USB, 2x Serial ports & 1x Audio In/Out capability. It meets most requirement of Interactive client like HMI, Automation.

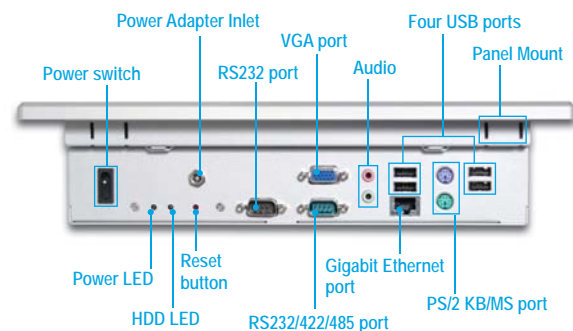
FEATURES

- High Brightness and long MTBF 10.4" Industrial grade panel
- Built-in 5-wire Resistive Touch Screen and Compact Flash access function
- Aluminum front panel meet with IP65 certification
- VESA, Panel, Openframe mounting support
- XP Embedded and WinCE. net Support

Dimensions	320(w) x 260(h) x 72(D)mm
Mouting	VESA Mount 75x75, Panel Mount
Power Supply	DC 12V Input
Front Panel Protection	IP65 Complaint
Certificate	CE/FCC

CPU	Intel® Atom™ processor Z510 (1.1GHz)
Chipset	Intel® System Controller Hub US15W
Memory	Up to 2GB DDR2 400/533 SDRAM on one 200 pin SODIMM
Storage	2.5" SATA HDD
Solid State Disk	Compact Flash type II up to 32GB
VGA	Intel® system Control Hub US15W Integrated Graphics
Ethernet	Realtek Gigabit Ethernet
Audio	Realtek HD Audio Codec
I/O	- 1x RS232/422/485, 1x RS232 - 4x USB 2.0 port - 1x Line-out, 1x MIC port - 1x VGA port - 1x Gigabit Ethernet port - 1x PS/2 KB/MS
Touch screen	5-wire Resistive Touch
LCD	- Size: 10.4" - Resolution: 800x600 - Brightness: 400 cd/m ² - Contrast Ratio: 500:1 - Backlight MTBF: 50000 hrs
Expansion function	Wireless 802.11 b/g (Optional)
Operation Temp.	0-45°C degree
Storage Temp.	-20-80°C degree
Relative Humidity	5-95%, non-condensing
Weight	4.4Kg

REAR I/O



ORDERING GUIDE

- **PARD-S100**
Basic 10.4" panel PC
- **PARD-S100T**
10.4" panel PC with touch function
- **PARD-S100TW**
10.4" panel PC with wireless and touch function

PARD-S150T

15" High performance and Computing Panel PC



PARD-S150T is powerful and rugged panel PC based on Intel® Core™ 2 Duo Platform with Intel® Q965 Chipset. It features high computing power, high brightness and also provides one expansion slot for PCI

add-on card. The aluminum front Panel, the rugged design of PARD-S150T can withstand tough industrial environment. It meets most requirements of interactive client, such as HMI, Automation.

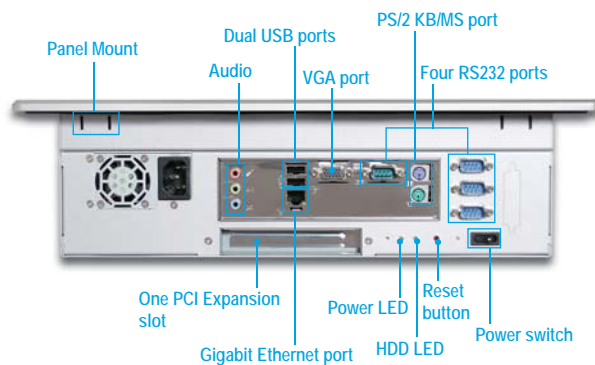
FEATURES

- High Brightness and long MTBF 15" Industrial grade panel
- Built-in 5-wire Resistive Touch Screen
- One expansion slot for PCI add-on card available
- Slim type DVD Device Support
- VESA, Panel, Openframe mounting support
- Aluminum front panel meet with IP65 Certification

CPU	Intel® Core™ 2 Duo Processor under 65W in LGA 775 package
Chipset	Intel® Q965GMCH & ICH8DO
Memory	Up to 4GB DDR2 667/533 SDRAM on two 240 pin SDRAM DIMM
Storage	3.5" SATA HDD
Solid State Disk	N/A
VGA	Intel® Q965 GMCH Integrated GMA Graphic device
Ethernet	Intel® Gigabit Ethernet
Audio	Realtek HD Audio Codec
I/O	- 4x RS232 - 2x USB 2.0 port - 1x Lin-out, 1x Lin-in, 1x MIC port - 1x VGA port - 1x Gigabit Ethernet port - 1x PS/2 KB/MS
Touch screen	5-wire Resistive type
LCD	- Size: 15" - Resolution: 1024x768 - Brightness: 350 cd/m ² - Contrast Ratio: 700:1 - Backlight MTBF: 50000 hrs
Expansion function	- 1x PCI Expansion Slot - 1x Mini-PCI socket (Optional) - 1x Slim type CDROM/DVD Device (Optional)
Operation Temp.	0-45°C degree
Storage Temp.	-20-80°C degree
Relative Humidity	5-95%, non-condensing
Weight	8.4Kg

Dimensions	410(w) x 358(H) x 111(D)mm
Mouting	VESA 75x75, 100x100, Panel Mount
Power Supply	AC 110/220 Input [DC 12V, 24V (by optional)]
Front Panel Protection	IP65 Complaint
Certificate	CE/FCC

REAR I/O



ORDERING GUIDE

- **PARD-S150**
Basic 15" panel PC
- **PARD-S150T**
15" panel PC with touch function
- **PARD-S150TW**
15" panel PC with wireless and touch function

PARD-S120T

12.1" Fanless slim type Panel PC



PARD-S120T is rugged and fanless panel PC leverage best cost & performance ratio of Intel® Ultra Low Voltage Celeron® M as it's computing engine, feature variety I/O interface as Touch screen, 1x 10/100 Fast Ethernet, 4x USB, 2x Serial port & 1x Audio In/out

capability. More than that, wireless interface, 802.11g support can be added through Built-in Mini-PCI module. It meets most requirements of interactive client like HMI, and Automation

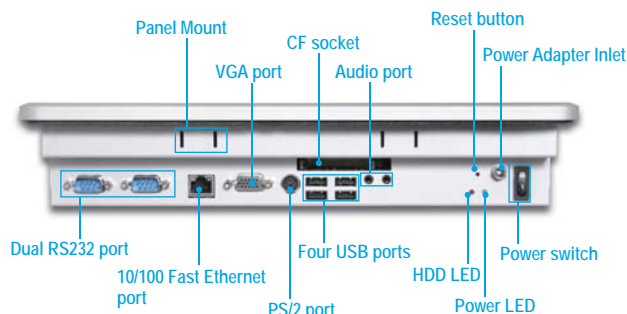
FEATURES

- High Brightness and long MTBF 12.1" Industrial grade panel
- Wide Range DC voltage input (9 ~ 27V)
- Built-in 5-wire Resistive Touch Screen and Compact Flash access function
- VESA, Panel, Openframe mounting support
- Aluminum front panel meet with IP65 Certification

Dimensions	331(w) x 273(H) x 64(D)mm
Mouting	VESA Mount 75x75, Panel Mount
Power Supply	DC 9-27V Input
Front Panel Protection	IP65 Compliant
Certificate	CE/FCC

CPU	Ultra Low Voltage Intel® Celeron® M 1GMhz with Zero L2 cache processor
Chipset	Intel® 852GM & ICH4
Memory	UP to 1GB DDR 200/266/333 SDRAM on one 200pin SODIMM socket
Storage	2.5" IDE device with Ultra DMA 100/66/33
Solid State Disk	Compact Flash Type II up to 32GB
VGA	Intel® 852GM Mobile optimized graphic controller
Ethernet	Intel® 82562 10/100 Ethernet
Audio	AC97/ 2.2 Codec
I/O	- 2x RS232 port - 4x USB 2.0 port - 1x Line-out, 1x MIC port - 1x VGA port - 1x PS/2 port - 1x Ethernet port - 1x CF socket
Touch screen	5-wire Resistive Touch
LCD	- Size: 12.1" - Resolution: 800x600 - Brightness: 400 cd/m ² - Contrast Ratio: 600:1 - Backlight MTBF: 50000 hrs
Expansion function	1x Mini-PCI socket
Operation Temp.	0-45°C degree
Storage Temp.	-20-80°C degree
Relative Humidity	5-95%, non-condensing
Weight	4.5Kg

REAR I/O



ORDERING GUIDE

- **PARD-S120**
Basic 12.1" panel PC
- **PARD-S120T**
12.1" panel PC with touch function
- **PARD-S120TW**
12.1" panel PC with wireless and touch function



www.portwell.com.tw



Portwell, Inc. (Headquarters)

4F, No. 186, Jian-Yi Rd., Chung-Ho City,
235 Taipei, Taiwan
Tel: +886-2-77318888
Fax: +886-2-82271109
E-mail: info@portwell.com.tw
<http://www.portwell.com.tw>

American Portwell

Fremont Tel: +1-510-403-3399
Norcross Tel: +1-510-403-3399
E-mail: info@portwell.com
<http://www.portwell.com>

Portwell Japan, Inc.

Tokyo Tel: +81-3-5298-8071
Osaka Tel: +81-6-4807-7721
E-mail: info@portwell.co.jp
<http://www.portwell.co.jp>

Beijing Portwell

Beijing Tel: +86-10-82701616
Shanghai Tel: +86-21-3222-0505
Shenzhen Tel: +86-755-8621-7695
E-mail: info@portwell.com.cn
<http://www.portwell.com.cn>

Portwell-Laxsons India

Tel: +91-22-2685-9911
E-mail: info@portwellaxsons.com
<http://www.portwellaxsons.com>

Portwell, B.V.

Tel: +31-252-620790
E-mail: info@portwell.nl
<http://www.portwell.nl>

Portwell (UK) Ltd.

Tel: +44(0)1235-750760
E-mail: info@portwell.co.uk
<http://www.portwell.co.uk>