

17" Industrial Panel PC

PPC-5170A/9455

Intel® Core™ 2 Duo Processor with Intel® 945G Platform

PPC-5170A-G41 *New*

Intel® Core™ 2 Extreme Processor with Intel® G41 Platform



Features

1. 17" high brightness TFT LCD with LED Backlight
2. Dual Ethernet provides continuous network service and allows sharing among different workgroups in two different subnets
3. One internal 2.5" SATA HDD and CF slot
4. Robust aluminum front bezel and metal casing
5. IP65 compliant front panel
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery (Suggest over 4GB storage capacity)

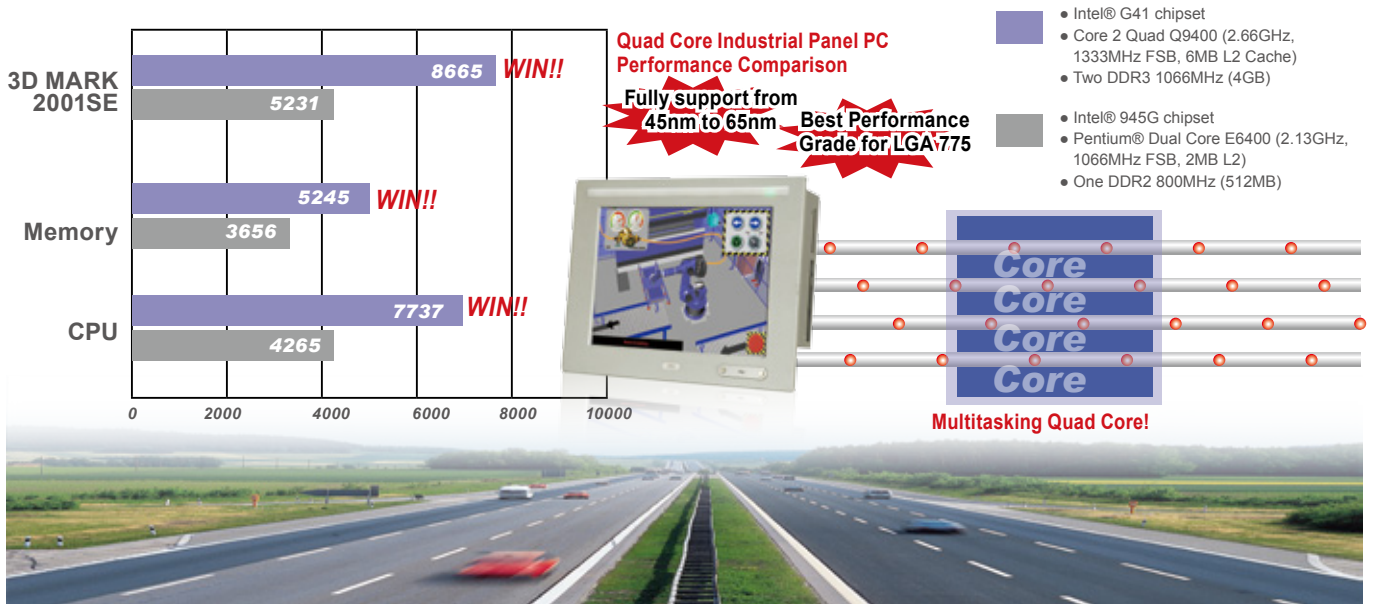


Specifications

Model		PPC-5170A/9455	PPC-5170A-G41	
Display	LCD Size	17"		
	Max Resolution	1280(W) x 1024(H)	1280(W) x 1024(H)	
	Brightness (cd/m ²)	300	380	
	Contrast Ratio	800 : 1	1000 : 1	
	LCD Color	16.7M	16.7M	
	Pixel Pitch (mm) (HxV)	0.264(H) x 0.264(V)	0.264(H) x 0.264(V)	
	Viewing Angle (V/H)	160°/ 160°	160°/170°	
	Backlight MTBF (hrs)	50000	50000	
Motherboard	SBC	POS-9455	POS-G41	
	CPU	LGA 775 Socket with Intel® Core™2 Duo, Celeron® D with 533/800/1066 MHz	LGA 775 Intel® Core™ 2 Extreme/Quad/Duo, Celeron with a 1333/1066/800MHz FSB support	
	Chipset	Intel® 945G + ICH7R	Intel® G41 + Intel® ICH7	
	RAM	2 x 240-pin DIMM socket, supporting DDR2 400/533/667MHz modules for up to 4GB	2 x 240-pin DIMM socket, supporting DDR3 800/1066MHz modules for up to 4GB	
I/O Ports and Switches	4 x RS-232			
	1 x RS-232/422/485 Port			
	2 x RJ-45 for LAN Port			
	4 x USB 2.0			
	1 x VGA Port			
	Line-in, Line-out, MIC-in			
	2 x PS/2 mouse and keyboard interface			
Drive Bay	HDD Driver Bay	1 x 2.5" SATA HDD bay with anti-shock		
	SSD	CF Type II		
	CD-ROM Driver Bay	SATA Slim Type CD-ROM Bay		
	Expansion Slot	Either 1 x PCI or PCIe x1 expansion slot (PCI riser card built-in, optional PCIe x1 riser card))		Either 1 x PCI or PCIe x1 expansion slot (Optional PCI and PCIe x1 riser card)
		1 x PCIe mini card		1 x PCIe mini card
	Physical	Construction Front Panel	Aluminum Die-casting	
Construction Chassis		Heavy-duty Steel (SECC)		
Mounting		Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm		
Front Panel Color		Silver (Pantone 8001C)		
Dimensions (WxHxD) (mm)		452 x 356 x 115	452 x 356 x 115	
Cut Out Dimensions (WxH) (mm)		424.5 x 330.5	424.5 x 330.5	
Net /Gross Weight		8 Kg / 12 Kg	8 Kg / 12 Kg	
IP Rating		Front IP65 Compliant		
Environment	Operation Temperature	-10°C~50°C		
	Storage Temperature	-20°C~60°C		
	Vibration	5~17Hz, 0.1 double amplitude displacement 17~640Hz 1.5G acceleration peak to peak		
	Shock	10G acceleration part to part (11ms)		
Touch Screen	Resistive Type 5-Wire with RS-232 interface			
Power Supply	AC Input	P/N: 63000-ACEA618APPC-RS -180W Power Supply - Input: 90VAC~264VAC, 50/60Hz - Output(max.): 3.3A@14A, 5V@16A, 12V@14A, -12V@0.5A	P/N: ACE-A622A-RS-R11 -220W power supply -Input: 90VAC~264VAC, 50/60Hz -Output(max.): 3.3A@14A, 5V@16A, 12V@10A, -12V@0.8A	
	DC Input	P/N: ACE-4520C-RS -200W power supply -Input: 24 VDC(18~36 VDC) -Output(max.): 3.3A@12A, 5V@12A, 12V@15.4A, -12V@0.5A		

- 1 IEI Mobile Solutions
- 2 Automation Panel Solutions
- 3 Video Wall Controller/ Splitter
- 4 RISC-based Solutions
- 5 PACSmate Medical Solutions
- 6 Optional Peripherals

Easily Upgrade to the Quad Core CPU without Additional Mechanism Rebuilding Costs!



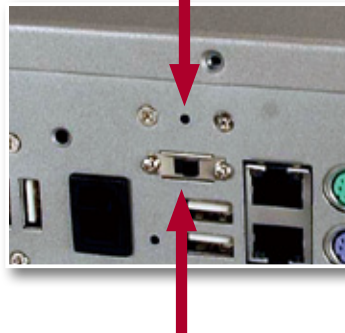
User Friendly Design



4. CMOS Reset Button

The CMOS reset button forces the BIOS to be reset to its default values for the following reasons:

- Fast BIOS updating
- Hard device conflicts or disrupts system operation



Restoring default system settings!



1. User-accessible CF

PPC has a CF slot on the bottom panel that makes installing and replacing CF cards easy.



2. Securing Your CF Card

PPC has a CF slot on the bottom panel. A security door on the PPC protects the CF card from being stolen in public places.



3. Lockable Power Cord

Power plug lock keeps power cable securely in place.

5. Selectable AT/ATX Mode Switch

Easily select the AT or ATX power mode with an easily accessed switch.

Production Line



AT power mode allows multiple panel PCs automatically start when the central power unit is connected.

General Ticketing Machine (GTM)



The ATX power mode allows the panel PCs to be turned on/off remotely via network.

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IEI Mobile Solutions

2

Automation Panel Solutions

3

Video Wall Controller/ Splitter

4

RISC-based Solutions

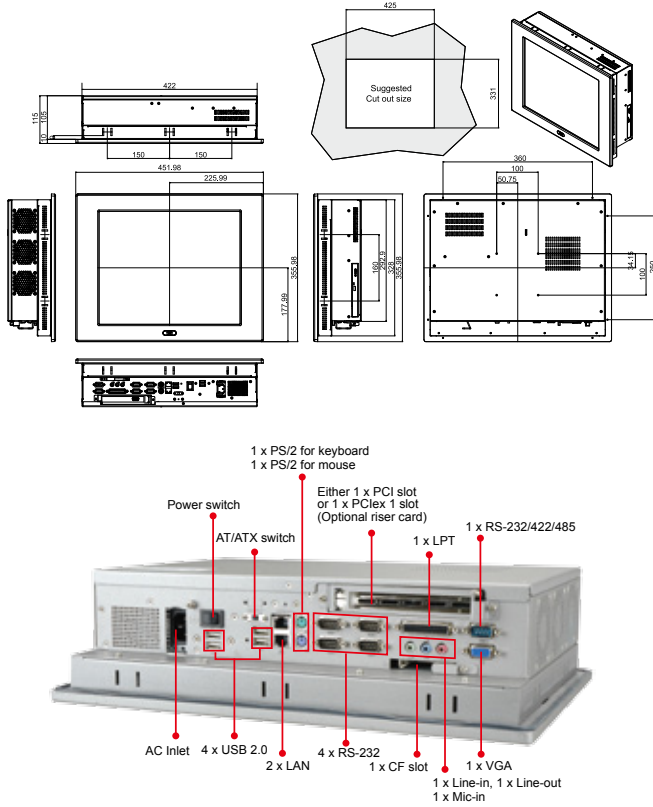
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PACsmate Medical Solutions

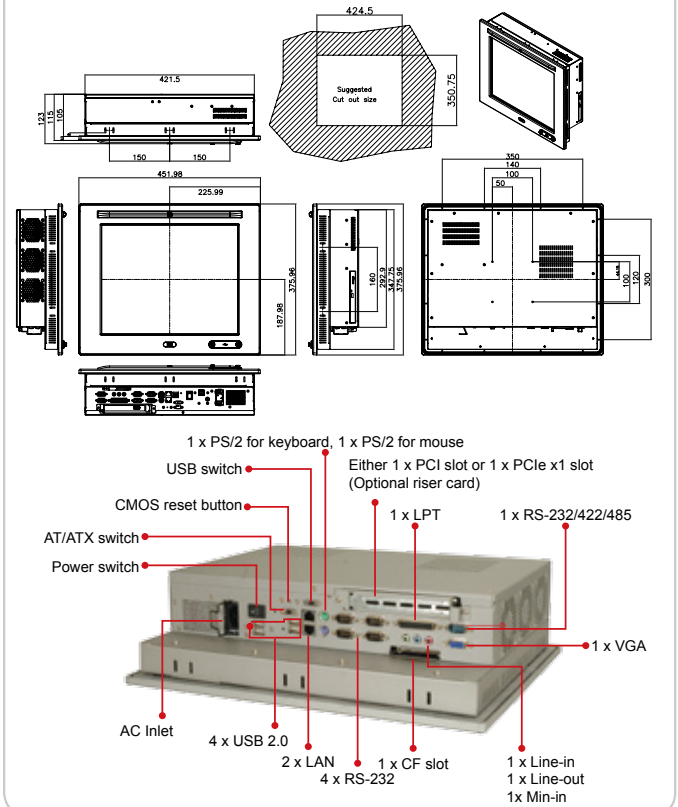
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Optional Peripherals

PPC-5170A
Dimensions (Unit: mm)



WIDS-517A
Dimensions (Unit: mm)



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Packing List

Item	Part No.	Description
SATA CD-ROM Cable	32803-000300-100-RS	SLIMLINE SATA 7+6 P TO SATA 7P /4P POWER ,L=200/150mm.
Power Cord	32000-000002-RS	EUROPEAN Standard ,1830MM, PLUG(16A 250V), CONNECTOR(10A 250V)
Panel Mount Kit	19200-000024-RS	
Wall Mount Kit	41020-016102-00-RS	
IEI One Key Recovery CD	IEI-7B000-000478-RS	
Touch Pen		
User's Manual CD-ROM		

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Automation Panel Solutions

3

Video Wall Controller/ Splitter

4

RISC-based Solutions

5

PACSmate Medical Solutions

6

Optional Peripherals

Ordering Information

Part No.	Description
Intel® 945G Platform	w/o WiFi AC Input PPC-5170A-R11/9455-E2160/A622A/T-R/1GB 17" 300 cd/m ² SXGA panel PC with POS-9455 R11 version, Pentium® Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, Silver color, PSU ACE-A622A, touch screen, RoHS
	w/o WiFi 18~36 V DC input PPC-5170A-R11/9455-E2160/4520C/T-R/1GB 17" 300 cd/m ² SXGA panel PC with POS-9455 R11 version, Pentium® Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, Silver color, PSU ACE-4520C, touch screen, ,RoHS
	WiFi AC Input WIDS-517A/9455-E2160/A622A/WT-R/1GB 17" 300 cd/m ² SXGA panel PC with POS-9455, Pentium Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, Silver color, PSU ACE-A622A, touch screen, RoHS
	WiFi 18~36 V DC input WIDS-517A/9455-E2160/4520C/WT-R/1GB 17" 300 cd/m ² SXGA panel PC with POS-9455, Pentium Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, Silver color, PSU ACE-4520C, touch screen, RoHS
Intel® G41 Platform	w/o WiFi AC Input PPC-5170A-G41-E15/R/1G-R10 17" 380 cd/m ² SXGA Panel PC with POS-G41, Celeron Dual Core E1500 2.2GHz CPU, 1GB DDR3 RAM, silver color, PSU ACE-A622A, touch screen, w/o riser card
	w/o WiFi AC Input PPC-5170A-G41-Q94/R/1G-R10 17" 380 cd/m ² SXGA Panel PC with POS-G41, Quad Core Q9400 2.66GHz, 1GB DDR3 RAM, silver color, PSU ACE-A622A, touch screen, w/o riser card
	w/o WiFi 18~36 V DC input PPC-5170AD-G41-E15/R/1G-R10 17" 380 cd/m ² SXGA Panel PC with POS-G41, Celeron Dual Core E1500 2.2GHz CPU, 1GB DDR3 RAM, silver color, PSU ACE-4520C, touch screen, w/o riser card
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	WiFi AC Input WIDS-517A-G41-E15/R/1G-R10 17" 380 cd/m ² SXGA Wireless Panel PC with POS-G41, Celeron Dual Core E1500 2.2GHz CPU, 1GB DDR3 RAM, silver color, PSU ACE-A622A, touch screen, w/o riser card
	WiFi AC Input WIDS-517A-G41-Q94/R/1G-R10 17" 380 cd/m ² SXGA Wireless Panel PC with POS-G41, Core 2 Quad Q9400 2.66GHz, 1GB DDR3 RAM, silver color, ACE-A622A, touch screen, w/o riser card
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Riser Card	PCIR-01H-R10 1-Slot PCI riser card
	PCIER-101H-R10 1-Slot PCIe x 1 riser card

IQ Mounting Options

Item	Part No.
Rack Mount Kit	RK-170MS-R10 (for PPC-5170A series) WIDSRK-170MS-R10 (for WIDS-517A series)
ARM	ARM-31-RS
STAND	STAND-210-R11

Options

Part No.	Description
19200-000112-RS	IDE CD-ROM Installation Kit (W/O IDE cable)
41019-0393C0-00-RS	IDE HDD Bracket
32200-000037-RS	25cm HDD IDE Cable