

PPC Series 6.5"~10.4" PPC Selection Guide



LCD Size		6.5"	8.4"			10.4"
Model		PPC-2706GS-LX800	PPC-2708GS-LX800	PPC-3708GS-945	PPC-3708A-N270	PPC-3710GS-945
Display	LCD Size	6.5" LED	8.4" LED	8.4" LED	8.4" LED	10.4" LED
	Max Resolution	640(W) x 480(H)	800(W) x 600(H)	800(W) x 600(H)	800(W) x 600(H)	800(W) x 600(H)
	Brightness (cd/m ²)	800 <i>Sunlight Readable!</i>	450	450	450	400
	Contrast Ratio	600:1	600:1	600:1	600:1	700:1
	LCD Color	262K	262K	262K	262K	262K
	Pixel Pitch (mm) (HxV)	0.207(H) x 0.207(V)	0.213(H) x 0.213(V)	0.213(H) x 0.213(V)	0.213(H) x 0.213(V)	0.264(H) x 0.264(V)
	Viewing Angle (V/H)	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°
	Backlight MTBF (hrs)	50000	50000	50000	50000	50000
Motherboard	CPU	AMD Geode LX800 500MHz processor	AMD Geode LX800 500MHz processor	Socket M Intel® Core™2 Duo, Core Duo, Core Solo with 667MHz FSB Intel® Celeron® M 533MHz FSB	Intel® Atom process N270 1.6GHz CPU	Socket M Intel® Core™2 Duo, Core Duo, Core Solo with 667MHz FSB Intel® Celeron® M 533MHz FSB
	Chipset	AMD Geode LX800 + AMD CS5536	AMD Geode LX800 + AMD CS5536	Intel® 945GM + ICH7M	Intel® 945GSE + ICH7M	Intel® 945GM + ICH7M
	RAM	1 x 200-pin SO-DIMM socket, supporting DDR 333/400MHz modules for up to 1GB	1 x 200-pin SO-DIMM socket, supporting DDR 333/400MHz modules for up to 1GB	1 x 200-pin SO-DIMM socket, supporting DDR2 400/533/667MHz modules for up to 2GB	1 x 200-pin SO-DIMM socket, supporting DDR2 400/533/667MHz modules for up to 2GB	1 x 200-pin SO-DIMM socket, supporting DDR2 400/533/667MHz modules for up to 2GB
I/O Ports and Switches		1 x RS-232	1 x RS-232	2 x RS-232	2 x RS-232	2 x RS-232
		2 x USB Port	2 x USB Port	1 x RS-232 (Alternative to RS-422/485)	1 x RS-232 (Alternative to RS-422/485)	1 x RS-232 (Alternative to RS-422/485)
		1 x PS/2 mouse and keyboard interface	1 x PS/2 mouse and keyboard interface	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port
		2 x RJ-45 for 10/100Mbps LAN	2 x RJ-45 for 10/100Mbps LAN	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
		1 x VGA Port	1 x VGA Port	1 x VGA Port	1 x VGA Port	1 x VGA Port
		Line-out	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in
		1 x 12VDC input Power Jack	1 x 12VDC input Power Jack	1 x PS/2 mouse and keyboard interface	1 x PS/2 mouse and keyboard interface	1 x PS/2 mouse and keyboard interface
		1 x Power Switch	1 x Power Switch	1 x 12VDC input Power Jack	1 x 12VDC input Power Jack	1 x 12VDC input Power Jack
Drive Bay	HDD Driver Bay	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock
	SSD	CF Type II	CF Type II	CF Type II	CF Type II	CF Type II
	CD-ROM Driver Bay	N/A	N/A	N/A	N/A	N/A
Expansion Slot	N/A	N/A	1 x PCIe mini card	1 x PCIe mini card	1 x PCIe mini card	
System Cooling	Fanless	Fanless	Active with Fan	Fanless	Active with Fan	
Environment	Operation Temperature	-10°C~50°C with CF or SSD -10°C~40°C with HDD	-10°C~50°C with CF or SSD -10°C~40°C with HDD	-10°C~50°C	-10°C~50°C	-10°C~50°C
	Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C

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IEI Mobile Solutions

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Automation Panel Solutions

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Video Wall Controller/ Splitter

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RISC-based Solutions

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PACSmate Medical Solutions

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Optional Peripherals

PPC Series 10.4"~12.1" PPC Selection Guide



LCD Size		10.4"		12.1"			
Model		PPC-3710A-N270	PPC-2710GS-LX800	PPC-3712GXS-945	PPC-3712A-N270	PPC-3712B-N270	PPC-2712GS-LX800
Display	LCD Size	10.4" LED	10.4" LED	12.1" LED	12.1" LED	12.1" LED	12.1" LED
	Max Resolution	800(W) x 600(H)	800(W) x 600(H)	1024(W) x 768(H)	1024(W) x 768(H)	1024(W) x 768(H)	1024(W) x 768(H)
	Brightness (cd/m ²)	400	400	500	500	500	500
	Contrast Ratio	700:1	700:1	700:1	700:1	700:1	700:1
	LCD Color	262K	262K	262K	262K	262K	262K
	Pixel Pitch (mm) (HxV)	0.264(H) x 0.264(V)	0.264(H) x 0.264(V)	0.3075(H) x 0.3075(V)	0.3075(H) x 0.3075(V)	0.3075(H) x 0.3075(V)	0.3075(H) x 0.3075(V)
	Viewing Angle (V/H)	140°/ 160°	140°/ 160°	160°/ 160°	160°/ 160°	160°/ 160°	160°/ 160°
	Backlight MTBF (hrs)	50000	50000	50000	50000	50000	50000
Motherboard	CPU	Intel® Atom process N270 1.6GHz CPU	AMD Geode LX800 500MHz processor	Socket M Intel® Core™2 Duo, Core Duo, Core Solo with 667MHz FSB Intel® Celeron® M 533MHz FSB	Intel® Atom process N270 1.6GHz CPU	Intel® Atom process N270 1.6GHz CPU	AMD Geode LX800 500MHz processor
	Chipset	Intel® 945GSE + ICH7M	AMD Geode LX800 + AMD CS5536	Intel® 945GM + ICH7M	Intel® 945GSE + ICH7M	Intel® 945GSE + ICH7M	AMD Geode LX800 + AMD CS5536
	RAM	1 x 200-pin SO-DIMM socket, supporting DDR2 533MHz modules for up to 2GB	1 x 200-pin SO-DIMM socket, supporting DDR 333/400MHz modules for up to 1GB	1 x 200-pin SO-DIMM socket, supporting DDR2 400/533/667MHz modules for up to 2GB	1 x 200-pin SO-DIMM socket, supporting DDR2 533MHz modules for up to 2GB	1 x 200-pin SO-DIMM socket, supporting DDR2 533MHz modules for up to 2GB	1 x 200-pin SO-DIMM socket, supporting DDR 333/400MHz modules for up to 1GB
I/O Ports and Switches		2 x RS-232	2 x RS-232	2 x RS-232	2 x RS-232	2 x RS-232	2 x RS-232
		1 x RS-232 (Alternative to RS-422/485)	2 x RJ-45 for 10/100Mbps LAN	1 x RS-232 (Alternative to RS-422/485)	1 x RS-232 (Alternative to RS-422/485)	1 x RS-232 (Alternative to RS-422/485)	2 x RJ-45 for 10/100Mbps LAN
		2 x RJ-45 for LAN Port	2 x USB 2.0	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	4 x USB 2.0
		2 x USB 2.0	1 x VGA Port	2 x USB 2.0	2 x USB 2.0	4 x USB 2.0	1 x VGA Port
		1 x VGA Port	Line-out	1 x VGA Port	1 x VGA Port	1 x VGA Port	Line-out
		Line-in, Line-out, MIC-in	1 x PS/2 mouse and keyboard interface	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	1 x PS/2 mouse and keyboard interface
		1 x PS/2 mouse and keyboard interface	1 x 12VDC input Power Jack	1 x PS/2 mouse and keyboard interface	1 x PS/2 mouse and keyboard interface	1 x PS/2 mouse and keyboard interface	1 x 12VDC input Power Jack
		1 x 12VDC input Power Jack	1 x Power Switch	1 x 12VDC input Power Jack	1 x 12VDC input Power Jack	1 x 12VDC input Power Jack	1 x Power Switch
Drive Bay	HDD Driver Bay	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" IDE HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" IDE HDD bay with anti-shock
	SSD	CF Type II	CF Type II	CF Type II	CF Type II	CF Type II	CF Type II
	CD-ROM Driver Bay	N/A	N/A	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	N/A
Expansion Slot	1 x PCIe mini card	1 x Mini PCI card	1 x PCIe mini card	1 x PCIe mini card	1 x PCIe mini card	1 x Mini PCI card	
System Cooling	Fanless	Fanless	Active with Fan	Fanless	Fanless	Fanless	
Environment	Operation Temperature	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C
	Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C

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- 2 Automation Panel Solutions
- 3 Video Wall Controller Splitter
- 4 RISC-based Solutions
- 5 PACsmate Medical Solutions
- 6 Optional Peripherals

PPC Series 15" PPC Selection Guide



LCD Size		New			New	
Model		PPC-5150A/9455	PPC-5150A-G41	PPC-5350GS-910	WIDS-515A/9455	WIDS-515A-G41
Display	LCD Size	15 "	15 "	15 "	15 "	15 "
	Max Resolution	1024(W) x 768(H)	1024(W) x 768(H)	1024(W) x 768(H)	1024(W) x 768(H)	1024(W) x 768(H)
	Brightness (cd/m ²)	350	350	350	350	350
	Contrast Ratio	700 : 1	700 : 1	700 : 1	700 : 1	700 : 1
	LCD Color	16.2M	16.2M	16.2M	16.2M	16.2M
	Pixel Pitch (mm) (HxV)	0.297(H) x 0.297(V)	0.297(H) x 0.297(V)	0.297(H) x 0.297(V)	0.297(H) x 0.297(V)	0.297(H) x 0.297(V)
	Viewing Angle (V/H)	125°/ 140°	125°/ 140°	125°/ 140°	125°/ 140°	125°/ 140°
	Backlight MTBF (hrs)	50000	50000	50000	50000	50000
Motherboard	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	Socket 479 Intel® Pentium® M, Celeron® M with 400/533MHz(max.) FSB1 GHz ULV Intel® Celeron® zero cache 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	910GML + ICH6M	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	2 x 200-pin SO-DIMM socket, supporting DDR2 400/533/667MHz modules for up to 2GB	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	4 x RS-232	4 x RS-232	4 x RS-232	4 x RS-232	4 x RS-232
	1 x RS-232/422/485	1 x RS-232/422/485	1 x RS-232/422/485 Port	1 x RS-232/422/485 Port	1 x RS-232/422/485 Port	1 x RS-232/422/485 Port
	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port
	4 x USB 2.0	4 x USB 2.0	4 x USB 2.0	6 x USB 2.0 (2 waterproof USB in the front of the panel)	6 x USB 2.0 (2 waterproof USB in the front of the panel)	6 x USB 2.0 (2 waterproof USB in the front of the panel)
	1 x VGA Port	1 x VGA Port	1 x VGA Port	1 x VGA Port	1 x VGA Port	1 x VGA Port
	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	1 x DVI port	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in
	2 x PS/2 mouse and keyboard interface	2 x PS/2 mouse and keyboard interface	Line-in, Line-out, MIC-in	1 x LPT	1 x LPT	1 x LPT
	1 x Power Switch	1 x Power Switch	2 x PS/2 mouse and keyboard interface	2 x PS/2 mouse and keyboard interface	2 x PS/2 mouse and keyboard interface	2 x PS/2 mouse and keyboard interface
	AT / ATX Switch	AT / ATX Switch	1 x Power Switch	1 x Power Switch	1 x Power Switch	1 x Power Switch
	1 x LPT	1 x LPT	AT / ATX Switch	AT / ATX Switch	AT / ATX Switch	AT / ATX Switch
Drive Bay	HDD Driver Bay	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock
	SSD	CF Type II	CF Type II	CF Type II	CF Type II	CF Type II
	CD-ROM Driver Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay
Expansion Slot	Either 1 x PCI or PCIe x1 expansion slot (optional)	Either 1 x PCI or PCIe x1 expansion slot (optional)	1 x PCI expansion slot	Either 1 x PCI or PCIe x1 expansion slot (optional)	Either 1 x PCI or PCIe x1 expansion slot (optional)	
	1 x PCIe mini card	1 x PCIe mini card	1 x PCIe mini card 1 x Express Card	1 x PCIe mini card for wireless module (802.11 b/g/n)	1 x PCIe mini card for wireless module (802.11 b/g/n)	
System Cooling	Active with Fan	Active with Fan	Active with Fan	Active with Fan	Active with Fan	
Environment	Operation Temperature	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C
	Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C

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IEI Mobile Solutions

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Automation Panel Solutions

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Video Wall Controller/ Splitter

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RISC-based Solutions

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PACSmate Medical Solutions

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Optional Peripherals

PPC Series 17"~19" PPC Selection Guide



LCD Size		New 17"		New 17"		New 19"	
Model		PPC-5170A/9455	PPC-5170A-G41	WIDS-517A/9455	WIDS-517A-G41	PPC-5190A/9455	PPC-5190A-G41
Display	LCD Size	17 "	17 "	17 "	17 "	19 "	19 "
	Max Resolution	1280(W) x 1024(H)	1280(W) x 1024(H)	1280(W) x 1024(H)	1280(W) x 1024(H)	1280(W) x 1024(H)	1280(W) x 1024(H)
	Brightness (cd/m ²)	300	380	380	380	300	450
	Contrast Ratio	800 : 1	1000 : 1	1000 : 1	1000 : 1	700 : 1	1000 : 1
	LCD Color	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
	Pixel Pitch (mm) (HxV)	0.264(H) x 0.264(V)	0.264(H) x 0.264(V)	0.264(H) x 0.264(V)	0.264(H) x 0.264(V)	0.294(H) x 0.294(V)	0.294(H) x 0.294(V)
	Viewing Angle (V/H)	160°/ 160°	160°/170°	160°/170°	160°/170°	160°/ 170°	160°/ 170°
Backlight MTBF (hrs)	50000	50000	50000	50000	50000	50000	
Motherboard	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	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	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	Intel® 945G + ICH7R	Intel® G41 + Intel® ICH7	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	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	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	4 x RS-232	4 x RS-232	4 x RS-232	4 x RS-232	4 x RS-232
		1 x RS-232/422/485 Port	1 x RS-232/422/485 Port	1 x RS-232/422/485 Port	1 x RS-232/422/485 Port	1 x RS-232/422/485 Port	1 x RS-232/422/485 Port
		2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port
		4 x USB 2.0	4 x USB 2.0	6 x USB 2.0 (2 waterproof USB in the front of the panel)	6 x USB 2.0 (2 waterproof USB in the front of the panel)	6 x USB 2.0	6 x USB 2.0
		1 x VGA Port	1 x VGA Port	1 x VGA Port	1 x VGA Port	1 x VGA Port	1 x VGA Port
		Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in	Line-in, Line-out, MIC-in
		2 x PS/2 mouse and keyboard interface	2 x PS/2 mouse and keyboard interface	1 x LPT	1 x LPT	2 x PS/2 mouse and keyboard interface	2 x PS/2 mouse and keyboard interface
		1 x Power Switch	1 x Power Switch	2 x PS/2 mouse and keyboard interface	2 x PS/2 mouse and keyboard interface	1 x Power Switch	1 x Power Switch
		AT / ATX Switch	AT / ATX Switch	1 x Power Switch	1 x Power Switch	AT / ATX Switch	AT / ATX Switch
Drive Bay	HDD Driver Bay	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock	1 x 2.5" SATA HDD bay with anti-shock
	SSD	CF Type II	CF Type II	CF Type II	CF Type II	CF Type II	CF Type II
	CD-ROM Driver Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay	SATA Slim Type CD-ROM Bay
Expansion Slot		Either 1 x PCI or PCIe x 1 expansion slot (optional)	Either 1 x PCI or PCIe x 1 expansion slot (optional)	Either 1 x PCI or PCIe x 1 expansion slot (optional)	Either 1 x PCI or PCIe x 1 expansion slot (optional)	Either 1 x PCI or PCIe x 1 expansion slot (optional)	Either 1 x PCI or PCIe x 1 expansion slot (optional)
		1 x PCIe mini card	1 x PCIe mini card	1 x PCIe mini card for wireless module (802.11 b/g/n)	1 x PCIe mini card for wireless module (802.11 b/g/n)	1 x PCIe mini card	1 x PCIe mini card
System Cooling		Active with Fan	Active with Fan	452 x 356 x 115	452 x 356 x 115	Active with Fan	Active with Fan
Environment	Operation Temperature	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C
	Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C

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