

Multi-functional Panel PC Selection Guide

NEW

NEW

Model Name		Multi-functional Panel Computer					
		PPC-125T	PPC-157T	PPC-6150	PPC-177T	PPC-179T	PPC-6170
CPU Board		PCM-8200	PCM-8200	MIO-5290 PCM-8207	PCM-8200	PCM-8203	MIO-5290 PCM-8207
Processor		Socket 478 Supports Intel Core 2 Duo processor up to 2.16 GHz	Supports Socket 478 Intel Core 2 Duo up to 2.16 GHz	3rd Gen Core i CPU Celeron B47E 1.1 GHz Celeron 1020E 2.2 GHz Core i3-3120ME 2.4 GHz Core i5-3610ME 2.7 GHz	Supports Socket 478 based Core 2 Duo up to 2.16 GHz	LOA775 Socket-based Intel Core 2 Duo Processor up to 3.0 GHz	3rd Gen Core i CPU Celeron B47E 1.1 GHz Celeron 1020E 2.2 GHz Core i3-3120ME 2.4 GHz Core i5-3610ME 2.7 GHz
Memory	Size	512 MB ~ 4 GB DDR2 SDRAM	Supports up to 4 GB of 667 MHz DDR2 system memory	DDR3 (1600 MHz) / DDR3 (1333 MHz), supports up to 8 GB	Supports up to 4 GB of 667 MHz DDR2 system memory	Supports up to 4 GB of 1333 MHz DDR3 system memory	DDR3 (1600 MHz) / DDR3 (1333 MHz), supports up to 8 GB
	Module Type	200-pin SODIMM x 2	COIMM (socket x 2)	1 x 204-pin SODIMM	SODIMM (socket x 2)	240-pin DIMM x 2	x 204-pin SODIMM
L2 Cache Memory		On-die 512 KB ~ 4 M	n-die 512 KB ~ 4 M	MB/3MB	n-die 512 KB ~ 4 M	n-die 512 KB ~ 4 M	MB/3MB
Storage/Type		Supports 1 x internal CompactFlash Type II socket, 2.5" SATA HDD drive	Supports 1 x internal CompactFlash Type II socket, 2.5" SATA HDD drive	1 x 2.5" SATA bay Either one - Second 2.5" SATA bay (Intel RAID supported, optional) - Slim type 8X or above DVD +/- RW (optional) 15" TFT LCD (LED Backlight)	Supports 1 x internal CompactFlash Type II socket, 2.5" SATA HDD drive	Supports 1 x internal CFast Type II socket, 1.25" SATA HDD drive	1 x 2.5" SATA bay Either one - Second 2.5" SATA bay (Intel RAID supported, optional) - Slim type 8X or above DVD +/- RW (optional) 17" TFT LCD (LED Backlight)
Display	Size/Type	12.1"	15" Color TFT LCD		17" Color TFT LCD		17" TFT LCD
	Max. Resolution	1024 x 768	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1280 x 1024
	Max. Colors	262K	262K	262K	16.7M	16.7M	262K
	Pixel Pitch (mm)	0.240 x 0.240	0.297 x 0.297	0.297 x 0.297	0.264 x 0.264	0.264 x 0.264	0.264 x 0.264
	Brightness (cd/m ²)	450	350	350	380	380	350
	Viewing Angle	80°(left), 80°(right), 80°(up), 80°(down)	80°(left), 80°(right), 70°(up), 70°(down)	80°(left), 80°(right), 70°(up), 70°(down)	80°(left), 80°(right), 80°(up), 80°(down)	80°(left), 80°(right), 80°(up), 80°(down)	85°(left), 85°(right), 80°(up), 80°(down)
	Brightness Control	Yes	Yes	Yes	Yes	Yes	Yes
VGA	Simultaneous Mode	Yes	Yes	Yes	Yes	Yes	Yes
	Backlight MTBF	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
VGA		Chipset	945GME	Intel 3rd Gen Core i CPU-QM77	945GME	Intel Q45	Intel 3rd Gen Core i CPU-QM77
CD-ROM/Combo Drive		Optional external module for 1 x slim type optical drive (optional SATA optional drive)	Optional 1 x Slim type optical drive bay (optional SATA optional drive)	Optional 1 x Slim type optical drive bay (optional SATA optional drive)	Optional 1 x Slim type optical drive bay (optional SATA optional drive)	Optional SATA slim type optical drive	Optional 1 x Slim type optical drive bay (optional SATA optional drive)
DVD-ROM, DVD+/-RW Drive Option		Yes	Yes	Yes	Yes	Yes	Yes
I/O Ports		4 x COM ports (3 x RS-232, 1 x RS-232C/422/485) 6 x USB V2.0 ports, 1 x PS/2 mouse & K/R, Mic-in/Line-in/Line-out, 1W speakers, 2 x Gigabit Ethernet ports, 1 D-SUB VGA port	4 x COM ports (3 x RS-232, 1 x RS-232C/422/485) 4 x USB 2.0 ports, 1 x PS/2 mouse and keyboard interface, MIC in/Line-in/Line-out port, 1W speaker, 2 x Gigabit Ethernet ports, 1 D-SUB VGA port	4 x COM ports, 1 x isolated RS-232C/422/485, 3 x RS-232 1 x GPIRS-232-B channels, TTL level, by pin header 3 x USB3.0 + 2 x USB2.0 ports 2 x Gigabit Ethernet ports, 1 x D-SUB VGA port 1 x HDMI 1 Line-out, 1 x Mic-in, 2 x 1W speaker	4 x COM ports (3 x RS-232, 1 x RS-232C/422/485) 4 x USB 2.0 ports, 1 x PS/2 mouse and keyboard interface, Mic-in/Line-in/Line-out port, 1 W speakers, 2 x Gigabit Ethernet ports, 1 x D-SUB VGA port	3 x serial ports: 2 x RS-232, 1 x GPIRS-232-B channels, TTL level, by pin header 3 x USB3.0 + 2 x USB2.0 ports 2 x Gigabit Ethernet ports 1 x D-SUB VGA port 1 x HDMI 1 Line-out, 1 x Mic-in, 2 x 1W speaker	4 x COM ports, 1 x isolated RS-232C/422/485, 3 x RS232 1 x GPIRS-232-B channels, TTL level, by pin header 3 x USB3.0 + 2 x USB2.0 ports 2 x Gigabit Ethernet ports 1 x D-SUB VGA port 1 x HDMI 1 Line-out, 1 x Mic-in, 2 x 1W speaker
Bus Expansion		1 x PCI-E Expansion Slot or 1 x PCI slot (Both are available as optional) 1 x Mini PCI Socket, 1 x Mini PCI-E socket	1 x PCI-E Expansion Slot (PCI is available as option) 1 x Mini PCI Socket 1 x Mini PCI-E socket	Either: - one PCI + one PCIe x1 (standard) - one x PCIe x 4 (in the accessory box) - two PCIe x 1 (optional) - two PCI (optional)	1 x PCI-E Expansion Slot (PCI is available as option) 1 x Mini PCI Socket 1 x Mini PCI-E socket	1 x PCI + 1 x PCI-E through riser, 1 x Mini PCIe	Either: - one PCI + one PCIe x1 (standard) - one x PCIe x 4 (in the accessory box) - two PCIe x 1 (optional) - two PCI (optional)
Network (LAN)		2 x Gigabit Ethernet ports, Wake on LAN, boot from LAN and LAN teaming supported	2 x Gigabit Ethernet ports, Wake on LAN, boot from LAN and LAN teaming supported	2 x Gigabit Ethernet connectors, Intel AMT supported (GbE1: Intel 82579LM, GbE2: Intel 82583V)	2 x Gigabit Ethernet ports, Wake on LAN, boot from LAN and LAN teaming supported	2 x 10/100/1000 Mbps Ethernet	2 x Gigabit Ethernet connectors, Intel AMT supported (GbE1: Intel 82579LM, GbE2: Intel 82583V)
Power	Output Rating	150 W	150 W	150W	150 W	220 W	150W
	Input Voltage	AC Model: 150 W Input voltage: 100 ~ 240 V _{AC} , 50 ~ 60 Hz, 2 ~ 4 A	100 ~ 240 V _{AC} , 50 ~ 60 Hz, 2 ~ 4 A	100 ~ 240 V _{AC} , 50/60Hz, 4 ~ 2 A	100 ~ 240 V _{AC} , 50 ~ 60 Hz, 2 ~ 4 A	100 ~ 240 V _{AC} @ 50 ~ 60 Hz	100 ~ 240 V _{AC} , 50/60Hz, 4 ~ 2 A
	Technology	Resistive	Resistive	Resistive	Resistive	Resistive	Resistive
	Light Transmission	80% (Resistive)	80% (Resistive)	80% (Resistive)	80% (Resistive)	80% (Resistive)	80% (Resistive)
Touchscreen	OS Support	Windows XPE/XP Pro, Vista	Windows XP/XPE/Vista	Win XPE / Win XP Pro / WEST 32 & 64 bit / Windows 7 32 & 64 bit	Windows XPE/XP Pro, Vista, WEST	Windows XPE/XP Pro, Vista, WEST	Win XPE / Win XP Pro / WEST 32 & 64 bit / Windows 7 32 & 64 bit
	Durability (Touches)	35 million (Resistive)	35 million (Resistive)	35 million (Resistive)	35 million (Resistive)	35 million (Resistive)	35 million (Resistive)
	Watchdog Timer	255 level	255 level	255 level	255 level	62 level, 1 ~ 62 seconds	255 level
Working Temperature		0 ~ 50°C (32 ~ 122°F)	0 ~ 50°C (32 ~ 122°F)	0 ~ 50°C (32 ~ 122°F)	0 ~ 50°C (32 ~ 122°F)	0 ~ 45°C (32 ~ 113°F)	0 ~ 50°C (32 ~ 122°F)
Front Panel Protection		IP65 compliant	IP65 compliant	IP65 compliant	IP65 compliant	IP65 compliant	IP65 compliant
Certification		CE, FCC, BSMI, CCC, UL, CB	BSMI, CE, FCC Class B, CCC	CE, FCC, BSMI, CCC, UL	BSMI, CE, FCC Class B, CCC	BSMI, VCCI, UL, CE, FCC, Class B, CCC	CE, FCC, BSMI, CCC, UL, CB
Dimensions (W x H x D)		376 x 285.55 x 100.95 mm (14.80" x 11.24" x 3.97")	420 x 223 x 130.5 mm (16.54" x 12.72" x 5.12")	395.5 x 316.8 x 105.5 mm (15.6" x 12.5" x 4.15")	442 x 362 x 111.5 mm (17.4" x 14.25" x 4.39")	446 x 392 x 149.3 mm (17.56" x 15.04" x 5.88")	442.0 x 362.0 x 113.5 mm (17.4" x 14.25" x 4.47")
Weight		5.8 kg (12.77 lb)	6 kg (13.22lb)	6.5 kg (14.32lb)	7.6 kg (16.74 lb)	11.0 kg (27.94 lb)	7.5kg (16.52lb)

Regional Service & Customization Centers

China	Taiwan	Netherlands	Poland	USA/ Canada
Kunshan 86-512-5777-5666	Taipei 886-2-2792-7818	Eindhoven 31-40-267-7000	Warsaw 48-22-33-23-740 / 41	Milpitas, CA 1-408-519-3898

Worldwide Offices

Greater China

China	Toll Free Beijing Shanghai Shenzhen Chengdu Hong Kong	800-810-0345 86-10-6298-4346 86-21-3632-1616 86-755-8212-4222 86-28-8545-0198 852-2720-5118
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Taiwan

Toll Free Neihu Xindian Taichung Kaohsiung	0800-777-111 886-2-2792-7818 886-2-2218-4567 886-4-2378-6250 886-7-229-3600
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Asia Pacific

Japan

Toll Free Tokyo Osaka	0800-500-1055 81-3-6802-1021 81-6-6267-1887
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Korea

Toll Free Seoul	080-363-9494 82-2-3663-9494
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Singapore

Singapore	65-6442-1000
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Malaysia

Toll Free Kuala Lumpur Penang	1800-88-1809 60-3-7725-4188 60-4-537-9188
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Indonesia

Jakarta	62-21-769-0525
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Thailand

Bangkok	66-2-248-3140
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India

Toll Free Bangalore	1-800-425-5070 91-80-2545-0206
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Australia

Toll Free Melbourne Sydney	1300-308-531 61-3-9797-0100 61-2-9476-9300
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Europe

Toll Free

Munich Hilden / D'dorf	00800-2426-8080 49-89-12599-0 49-2103-97-885-0
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France

Paris	33-1-4119-4666
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Italy

Milano	39-02-9544-961
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Benelux & Nordics

Breda	31-76-5233-100
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UK

Reading	44-0118-929-4540
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Poland

Warsaw	48-22-33-23-740 / 41
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Russia

Toll Free Moscow	8-800-550-01-50 7-495-232-1692
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Americas

North America

Toll Free Cincinnati Milpitas Irvine	1-888-576-9668 1-513-742-8895 1-408-519-3898 1-949-420-2500
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Brazil

Toll Free Saude-São Paulo	0800-770-5355 55-11-5592-5355
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Mexico

Toll Free Mexico City	1-800-467-2415 52-55-6275-2777
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Advantech Panel PC Platform

Panel PC Fit for All Integration



Multi-functional Panel PC
Fanless Panel PC



ADVANTECH

Enabling an Intelligent Planet



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Selection Guide

Fanless Panel PC Selection Guide

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Model Name		Fanless Panel Computer					
CPU Board		PPC-L62T	PPC-3100	PPC-L128T	PPC-3120	PPC-L157T	PPC-L158T
Processor		PCM-8205	PCM-8206	PCM-8201	PCM-8206	PCM-8201	PCM-8204
Memory		Intel Atom N455 (1.66GHz)	Intel Atom Dual core D2550 (1.86) GHz	Intel Atom N270 1.6 GHz	Intel Atom Dual core D2550 (1.86 GHz)	Intel Atom N270 1.6 GHz	Intel Atom Dual core D525 1.8G
Memory	Size	512 MB ~ 2 GB DDR3 SDRAM	Maximum 4GB DDR3 1066	DDR2 533 Up to 2 GB	Maximum 4GB DDR3 1066	DDR2 533 Up to 2 GB	DDR3 800 MHz up to 4 GB (2 GB each socket)
	Module Type	204-pin SODIMM x 1	204-pin SODIMM x 1	200-pin SODIMM x1	204-pin SODIMM x 1	200-pin SODIMM x1	204-pin SODIMM x 2
2nd Cache Memory		512 KB	1MB	512 KB	1MB	512 KB	1 MB
SSD/Type		Supports one CFastsocket	Support 1 x internal mSATA		Support 1 x internal mSATA	Supports one CompactFlash Type II, socket	Supports one CFast Type II, socket
Display	Size/Type	6.5" TFT LCD, LED Backlight	10.4" TFT LCD, LED backlight	12.1" Color TFT LCD, LED Backlight	12.1" Color TFT LCD, LED Backlight	15" Color TFT LCD	15" Color TFT LCD, LED backlight
	Max. Resolution	640 x 480	800 x 600	1024 x 768	1024 x 768	1024 x 768	1024 x 768
	Max. Colors	262 K	262 k	262 K	262 K	262 K	262 K
	Pixel Pitch (mm)	0.207 x 0.207	0.264 x 0.264	0.240 x 0.240	0.240 x 0.240	0.297 x 0.297	0.297 x 0.297
	Brightness (cd/m ²)	700	400	450/600	600	350	350
	Viewing Angle	160°/140°	160°/140°	160°/160°	160°/160°	160°/130°	160°/130°
	Brightness Contr	Yes	Yes	Yes	Yes	Yes	Yes
	Simultaneous Mode	Yes	Yes	Yes	Yes	Yes	Yes
VGA	Backlight MTBF	50,000 hrs	30,000 hrs	50,000 hours	50,000 hours	50,000 hours	50,000 hours
	Chipset	Intel N455 + Intel ICH8M	Intel D2550 Integrated	Intel 945GSE + Intel ICH7M	Intel D2550 Integrated	Intel 945GSE + Intel ICH7M	Intel D525 + Intel ICH8M
HDD/Type		Optional 1 x 2.5" drive bay	1 x 2.5" internal SATA drive bay	1 x 2.5" internal SATA drive bay	1 x 2.5" internal SATA drive bay	1 x 2.5" internal SATA drive bay	1 x 2.5" internal SATA drive bay
DVD-ROM, DVD+/-RW Drive Option		-	-	Optional	-	Optional	Optional
I/O Ports		2 x COM ports, 2 x USB LAN, 4 x USB, Audio line out	4 x Serial ports: 3 x RS-232, 1x RS-232C/422/485 (Adjustable through BIOS) 4 x USB ports 1 x Line-out, 1x MIC-in 1 x DB15 VGA 1 x DB9 GPIO port (8 pin programmable)	3 Serial Ports: RS-232 x 2, RS-232C/422/485 x 1; 1 GPIO port 1 VGA Port; PS/2 Mouse and Keyboard, Line-in/Line-out/ Mic-in Built-in 1W x 2 speakers, USB 2.0 ports x 4	4 x Serial ports: 3 x RS-232, 1x RS-232C/422/485 (Adjustable through BIOS) 4 x USB ports 1 x Line-out, 1x MIC-in 1 x DB15 VGA 1 x DB9 GPIO port (8 pin programmable)	3 Serial Ports: RS-232 x 2, RS-232C/422/485 x 1; 1 GPIO port 1 VGA Port; PS/2 Mouse and Keyboard, Line-in/Line-out/ Mic-in Built-in 1W x 2 speakers, USB 2.0 ports x 4	4 x COM ports: 2 x RS-232, 1 x RS-232C/422/485, 1 x RS232/ GPIO (8 channels, TTL level) 4 x USB 2.0 ports Mic in/Line out, 1W speaker - 2 x Gigabit Ethernet ports 1 x D-SUB VGA port 1 x PS/2 mouse and 1 x keyboard interface
Bus Expansion		1 x miniPCIe	1 x miniPCIe	Optional 1 x expansion slot for PCI/PCIe card 1 x MiniPCIe slot	Optional 1 x expansion slot for PCI/PCIe card 1 x miniPCIe slot	Optional 1 x expansion slot for PCI/PCIe card 1 x Mini PCIe slot	1 x expansion slot for PCI/PCIe card 1 x Mini PCIe slot
Network (LAN)		2 x 10/100/1000 Mbps (RJ-45)	2 x 10/100/1000 Mbps (RJ-45)	2 x 10/100/1000 Mbps (RJ-45)	2 x 10/100/1000 Mbps (RJ-45)	2 x 10/100/1000 Mbps (RJ-45)	2 x 10/100/1000 Mbps (RJ-45)
Power	Input Voltage	15 ~ 24 V _{DC}	12~30 V _{DC}	12 ~ 24 V _{DC}	12 ~ 30 V _{DC}	12 ~ 24 V _{DC} , 15 ~ 24 V _{DC} with battery pack	AC Model: 100W 100 ~ 250 V _{AC} /50 ~ 60 Hz DC Model: 90W 15 ~ 24 V _{DC}
	Technology	Resistive	Resistive	Resistive	Resistive	Resistive	Resistive
Touchscreen	Light Transmission	81%	81%	80%	80%	80%	80%
	OS Support	Windows CE, XPE, XP, WIN 7	Windows XPE, WEST, WEC7	Windows XPE/XP Pro, Vista, WEST, CDB.0	Windows XPE, WEST, WEC7	Windows XPE/XP Pro, Vista, WEST	Windows XPE/XP Pro, Vista, WEST, CDB.0
Durability (Touches)		36 million	36 million	35 million	35 million	35 million	35 million
Watchdog Timer		255 Level	255 Level	255 Level	255 Level	255 Level	255 Level
Working Temperature		0 ~ 50°C (32 ~ 122°F)	0 ~ 50°C (32 ~ 122°F)	0-45°C (32-113°F)	0 ~ 50°C (32 ~ 122°F)	0 ~ 50°C (32-122°F); 0 ~ 35°C with battery	0 ~ 50°C (32-122°F); 0 ~ 35°C with battery
Front Panel Protection		IP65 compliant	IP65 Compliant	IP65 compliant	IP65 compliant	IP65 compliant	IP65 compliant
Certification		CE, FCC Class B, BSMI, CCC, UL	CE, FCC Class B, UL, BSMI, CCC	CE, FCC Class B, UL, BSMI, CCC, CB, VCCI	CE, FCC Class B, UL, BSMI, CCC,	CE, FCC Class B, UL, BSMI, CCC, CB, VCCI	CE, FCC Class B, UL, BSMI, CCC, CB, VCCI
Dimensions (W x H x D)		202 x 148 x 49 mm (7.9" x 5.82" x 1.9")	275 x 220 x 68 mm (10.83" x 8.74" x 2.68")	340.5 x 269.3 x 70.5 mm (13.41" x 10.6 x 2.78")	325 x 253.8 x 58.4 mm (12.79" x 10" x 2.3")	396.5 x 317.6 x 74.8 mm (15.6" x 12.5" x 2.95")	396.5 x 317.6 x 74.8 mm (15.6" x 12.5" x 2.95")
Weight		1.5 kg (3.3lb)	3.0 kg (6.6lb)	3.63 kg (7.98 lb)	3.0 kg (6.6lb)	6 kg (13.2 lb)	6 kg (13.2 lb)

Panel PC Introduction

Advantech Panel PCs open up new opportunities by integrating computers with industries and applications; they bring computing to places and applications never imagined before. Their slim profiles, comprehensive functionality, high brightness LCDs, and user-friendly touchscreens make them the ideal solution for operator panels, information terminals, ecommerce terminals and human-machine interfaces. Producing high-quality industrial products is Advantech's specialty. Our Panel PCs are built to survive unforgiving environments, such as factory automation facilities, production control points, warehouses and distribution centers, transportation control centers, stations, airports and even refrigerated environments. As an ISO-9001 and ISO-14000 certified organization, Advantech abides by strict quality control standards applied to design, production and shipment. Panel PCs are subject to extensive testing prior to product release including EMI, EMC, temperature and vibration testing, and exposure to dust and liquids.



Multi-function Panel PC System Controller

- High computing power
- Multiple I/O
- AC power-in
- PCI/PCIe Expansion

Fanless Panel PC Operation Interface

- Slim
- Fanless
- Low power consumption
- Wide range DC-input
- PCI/PCIe expansion



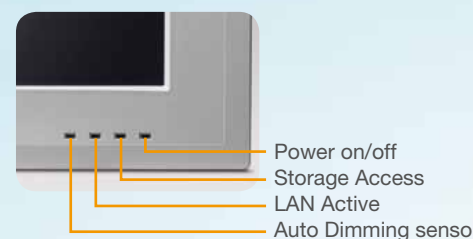
Installation Accessories

- Multiple standard mounting options
 - Desktop stand
 - Arm
 - Wall mount
 - Panel mount



Key Features of Panel PCs

Panel PCs offer customers unique features for specific application needs. Customers can choose CPU, operating system, LCD, touchscreen and sunlight readable features. All the best standard and customized solutions are available for their applications.



LED Indicators

Most customers embed PPCs and it's important to identify the system status from the front bezel LED. It displays the power on / off status, storage being accessed and Ethernet transfer status. With the user friendly LED indicator, you can easily check if any issues occur on your systems.



IP65 Compliant



Spill & Dust Resistant

IP65 Front Panel

With advanced mechanical design, we provide the an IP65 grade dustproof and waterproof front bezel. It protects the PPC in harsh environments and keeps it operating.



SUSIAccess support

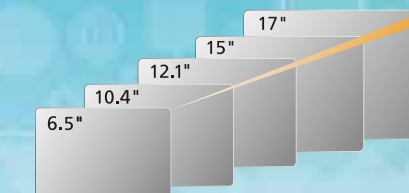
With SUSIAccess, providing customers with remote devices monitoring, switch machines, desktop connection, system recovery and system protection features and so on that help customers to multiple clients through a single console for remote device management. The services are also designed to be cloud-based. It provides on-demand software services so SIs can download & upgrade applications when they need.



- 3rd Gen Intel® Core™ i
- Intel® Atom™ D2550

Most updated platform

PPCs focus on new CPU technology so that the customer can take advantage of better CPU computing / graphic performance and even lower power consumption. With the most updated platform, customer can get the best cost effective products.



Full Range LCD

Advantech panel PCs provide a wide range of panel size options from 6.5 to 17 TFT LCD , and also 15.6/18.5/21.5 in widescreen format.



Auto Dimming

Ambient light may change throughout the day. With an auto-dimming function, the backlight is adjusted automatically by sensing environmental light level. Not only making operating them more comfortable, but also saving more power.



Excellent Extensibility Expansion

To use in different scenarios, PPCs provide multiple options on miniPCIe, PCI and PCIe1 standard expansions cards. Through this flexible design, customers can add on field bus cards to communicate with their own device



Dual 2.5" HDD with RAID Support

The Dual HDD design provides Intel RAID 0/1 to ensure data protection and help customers easily recover from a crashed system.



Isolation

To enhance system reliability, isolation prevents irregular power and avoids system crashes caused by voltage spikes from devices connected through RS-232/422/485.

Key Benefits for Your Systems



ADVANTECH CTOS Configure To Order Services

Configure To Order Service (CTOS)

With an optimized and modular design, its never been easier to meet customer's varied requirements. CTOS provides a great value added service to save customer's time and money on system configuration.



Fully supported customization services

Although 'off-the-shelf' PPCs provide an excellent array of features, customers' needs are unlimited. With our quick and efficient R&D capabilities we provide a customization service from mechanical modification, software image distribution, I/Oadjustment and so on. The benefit to customers is that they get more unique products to fulfill different applications.



Cost-effective

The PPC focuses on the machine builder and industrial process monitoring market. By adopting the most up-to-date technology and optimized mechanical design PPCs provide you with the best combination of cost versus performance products to fit your integration needs. However, system reliability is never sacrificed and a PPC is always your bet choice.