

# Panel Magic PC

## Panel Magic PCs

### LCD Display Features

- 12", 15", 17", 19" or 20" Active Matrix LCD
- Stainless Steel Bezel with Brushed Finish or Textured Epoxy Powder Coat
- Simple Clip Mounting to Panel
- Resistive Touchscreen Option

### Computer Features

- i5, Core 2 Duo or ATOM Processors
- Optional ACP ThinManager Enabled
- LAN Ports
- ACPI Compliant
- Watchdog Timer
- Rack Mount Option



### Specifications

LCD Display	PMPC2000	PMPC1900	PMPC1700	PMPC1500	PMPC1200				
Active Display Area	432 x 331	396 x 324	338 x 270	326 x 253	280 x 218				
Resolution	1600 x 1200	1280 x 1024	1280 x 1024	1024 x 768	800 x 600				
Brightness (typical)	250 cd/m <sup>2</sup>	300/1000 cd/m <sup>2</sup>	300/1000 cd/m <sup>2</sup>	300/1000 cd/m <sup>2</sup>	400/1000 cd/m <sup>2</sup>				
Viewing Angle H/V	174°/174°	170°/160°	160°/160°	140°/140°	130°/110°				
Colors	16.7 Million	16.7 Million	16.7 Million	16.7 Million	262,000				
Contrast Ratio	400:1	800:1	1000:1	800:1	500:1				
Backlight	(6) CCFL's	(4) CCFL's	(2) CCFL's	(2) CCFL's	(2) CCFL's				
Backlight Life	30,000 Hrs.	30,000 Hrs.	30,000 Hrs.	40,000 Hrs.	50,000 Hrs.				
Screen Protection	.125 Thick Plexiglass, Scratch Resistant								
Optional Touchscreen	Resistive, Universal USB/Serial Controller								
<b>Mechanical</b>									
W x H x D (inch)	19.0 x 15.71 x 4.50	19.0 x 15.71 x 4.55	17.92 x 14.20 x 4.20	16.47 x 12.47 x 4.34	13.99 x 11.23 x 3.8				
(mm)	482 x 399 x 114	482 x 399 x 116	455 x 360 x 107	418 x 316 x 110	355 x 285 x 97				
Weight lbs (kgs)	21.5 lbs (9.76 kg)	21.5 lbs (9.76 kg)	17.0 lbs (7.72 kg)	13.5 lbs (6.13 kg)	12.0 lbs (5.45 kg)				
Material	5052 Aluminum								
Bezel	Stainless Steel 304								
Bezel Finish/Color	Fine Brushed or Epoxy Powder Coat								
NEMA Rating	4/4X (IP65/66)								
Shock	10G, 3 Axis, 11ms								
Vibration	10Hz to 500Hz, 1.0G								
Humidity, Operating	20% - 95% (Non-Condensing)								
Operating Temperature	0° to 50°C								
Extended Temperature	Consult Factory								
<b>Electrical</b>									
Voltage	115/230V Auto Switching								
Power Consumption	120 Watts	110 Watts	100 Watts	90 Watts	85 Watts				
<b>Computer</b>									
	CPU	COM	VGA	10/100/1000 LAN	USB	RAM	HD	Compact	Solid State Drive
ATOM - D525 Dual Core	1.8GHz	2 External	1	1	4 External	Up to 4GB	Up to 320GB	N/A	Y
ATOM - D510 Dual Core	1.6GHz	3 External 2 Optional	1	2	4 External	Up to 4GB	Up to 320GB	Y	Y
Core 2 Duo	2.2GHz	2 External 1 Optional	1	2	4 External	Up to 4GB	Up to 320GB	Y	Y
i5	2.4GHz	3 External 2 Optional	1	2	4 External	Up to 8GB	Up to 320GB	Y	Y
Operating System	Windows XP Professional, XP Embedded, Windows 7 (Min. 4Gb RAM Required), ACP ThinManager								
Flash	Up to 32GB								
2 ½" Hard Drive	Up to 320GB								

Specs Continued on Back

**COMARK CORPORATION**

[www.comarkcorp.com](http://www.comarkcorp.com)

Doc #PMxxxPC  
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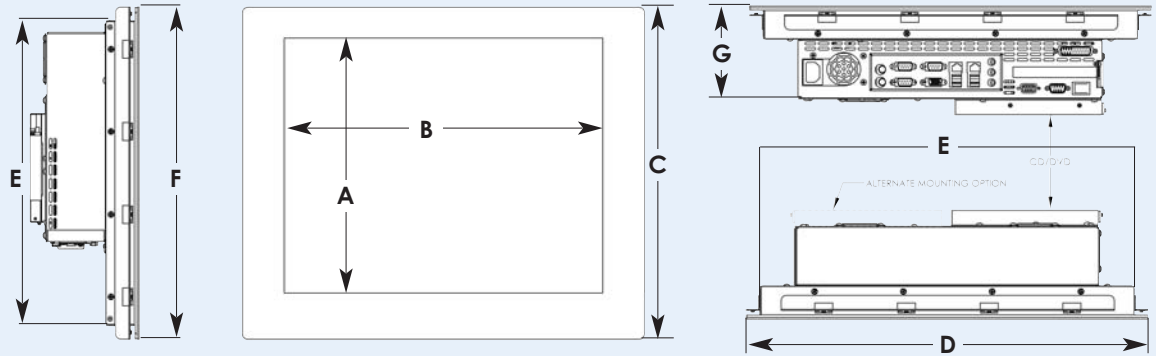
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Specifications subject to  
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<b>Computer (Cont.)</b>	
Solid State Hard Drive	Up to 64GB
PCI Expansion	(1) 32Bit Card Slot (Not Available on PMPC1200)
Expansion Options	Consult Factory
<b>Options</b>	
Conformal Coating	Consult Factory
Custom Paint	Consult Factory

## Dimensional Drawing



<b>Dimensions (Inches)</b>					
KEY	PM2000	PM1900	PM1700	PM1500	PM1200
A	12.14	16.15	10.72	9.09	7.38
B	15.02	15.02	13.38	12.09	9.80
C	15.71	15.71	14.20	12.47	11.23
D	19.00	19.00	17.92	16.47	13.99
E	17.78	17.69	16.61	15.16	12.70
F	14.43	14.40	12.89	11.16	9.94
G	4.50	4.55	4.20	4.34	3.80

<b>Dimensions (Millimeters)</b>					
KEY	PM2000	PM1900	PM1700	PM1500	PM1200
A	308	410	272	231	187
B	306	381	339	307	248
C	399	399	360	316	285
D	482	482	455	418	355
E	452	449	421	385	323
F	367	365	327	283	252
G	114	116	107	110	97

## Cutout Drawing

<b>Cutout Dimensions (Inches)</b>			
Size	Model No.	A	B
20"	PMPC2000	14.47	17.82
19"	PMPC1900	14.47	17.82
17"	PMPC1700	12.97	16.69
15"	PMPC1500	11.24	15.22
12"	PMPC1200	10.00	12.76

<b>Cutout Dimensions (Millimeters)</b>			
Size	Model No.	A	B
20"	PMPC2000	367	452
19"	PMPC1900	367	452
17"	PMPC1700	329	423
15"	PMPC1500	285	386
12"	PMPC1200	254	324

