

# PPC-3712A-N270

Intel® Atom™ N270 Processor



## Features

- » 12.1" 500 nits high brightness TFT LCD with LED backlight
- » Dual Gigabit Ethernet provides continuous network service and allows sharing among different workgroups in two different subnets
- » Optional 802.11b/g/n wireless kit
- » One slim type CD-ROM drive bay
- » Robust aluminum front bezel and metal casing
- » IP 65 compliant front panel

## Specifications

<b>Display</b>	
Backlight MTBF(hrs)	50000
Brightness(cd/m2)	500
Contrast Ratio	700 : 1
LCD Size	12.1"
Max Resolution	1024(W) x 768(H)
<b>Environment</b>	
Humidity	10% to 95% (non-condensing)
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
<b>Expansion Slots</b>	
Expansion Slots	1 x PCIe Mini card
<b>I/O Interface</b>	
I/O Ports and Switches	2 x RS-232
	1 x RS-232 (alternative to RS-422/485)
	2 x RJ-45 for LAN port
	2 x USB 2.0
	1 x VGA port
	1 x Line-in, 1 x Line-out, 1 x Mic-in
RAM	One 200-pin SO-DIMM socket, supporting DDR2 533MHz module
	for up to 2GB
<b>LCD</b>	
LCD Color	262K
Pixel Pitch (mm)	0.3075mm x 0.3075mm
Viewing Angle (H-V)	160° / 160°
<b>Other Features</b>	
System Cooling	Fanless
<b>Physical Characteristics</b>	
Cutout Dimensions	313 x 233
Dimensions (LxWxH) (mm)	340 x 277 x 73.4
<b>Power</b>	
Power adapter	P/N: 63040-010060-110-RS

	60W power adapter (Meets PSE)
	Input: 90VAC~264VAC, 50/60Hz
	Output: 12VDC
<b>System</b>	
Chipset	Intel® 945GSE + ICH7M
CPU	Intel® Atom™ N270 1.6GHz CPU
HDD	1 x 2.5" SATA HDD bay
SSD	1 x mSATA (SATA2 signal)
<b>Touch</b>	
Touch Controller	EETI MBMER4050CMBG
Touch Screen	5-wire resistive type with RS-232 interface
<b>Weight</b>	
Weight	6 kg / 8kg
<b>I/O Interface</b>	
I/O Interface	1 x Power Switch
	1 x Mic
	1 x Line out
	1 x Line in
	2 x LAN(RJ-45)
	1 x Power In(12V DC jack)
	2 x RS-232
	1 x RS-422/485
	2 x USB2.0
	1 x VGA
	1 x PS/2

## Ordering Information

PPC-3712A-N270/R/1G-R23	12.1" 500 cd/m <sup>2</sup> XGA Panel PC with Intel® Atom™ N270 1.6GHz/ 512KB L2 cache processor, 1GB DDR2 RAM, and resistive touch screen, 12VDC input, R23, RoHS
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## Packing List

1 x Power Adpater	1 x Screw Kit
1 x Touch Pen	