

❖ MPC-121N270-33

1.1 Overview

MPC-121N270-33 is a custom made 12.1" All in one LCD PC with Intel® Atom™ N270 CPU system. The PC module comes with High efficient and low power consumption.

1.2 Features

- (1) Onboard Intel® Atom™ N270 CPU
- (2) Intel® ATOM 945GSE + ICH7M chipset
- (3) 12.1" TFT-LCD PANEL

1.3 General Specifications

❖ System

CPU	Intel® Atom™ N270 CPU
BIOS	Award 8MB SMT Flash ROM
Chipset	INTEL® ATOM 945GSE + ICH7M chipset
LAN	Realtek RTL8111DL PCI-E Gigabit Ethernet LAN
External I/O	2 x USB 2.0 ports , 1 x VGA ports , 1 x Audio 2 x Com port , 1 x LVDS , 1 x GPIO , 1 x CF
Rear I/O	4 x USB 2.0 , 1 x RJ45 port , 1 x DVI-I port 1 x RJ45 port , 1 x Audio I/O port (Line In / Out)
Expansion Slots	1 x Mini PCI-e
Storage	SATA II / SATA III SSD or CF slot type II
Touch Screen	5-W Resistive Touch , Capacitive Touch , SAW Touch (Optional)

❖ LCD Technology

Panel Size	12.1" 4:3 Aspect Ratio
Display Color	16.2M
Resolution	800 x 600
Pixel Pitch	0.3075 x 0.3075mm
Luminance	450 cd/m ²
Contrast	700:1
View Angle	80°(R) , 80°(L) , 80°(U) , 60°(D)
Response Time	35ms
Backlight	LED Backlight



❖ Mechanical

Power Input	DC 12 V Adapter
Operation Temperature	0 C° to 50 C°
Storage Temperature	-20 C° to 65 C°
Operation Humidity	0% ~ 90% RH NC
Storage Humidity	0% ~ 90% RH NC
Module Dimensions	(W) x (H) x (D) mm
Module Weight	Kgs with components

❖ Ordering Information

MPC-121N270-33R	12.1" AIO Panel Mount W / 5-W Resistive Touch
MPC-121N270-33C	12.1" AIO Panel Mount W / Capacitive Touch

Contact Us


Macro Power
 Macro Power Technology Co., Ltd
 (T) +886-3-327-1733 (F) +886-3-327-1723
 sales@macropower.com.tw