

# Zenith19M-Z01

## IP65 19" Wide Touch Screen Panel PC

### Features

- 19 inch Wide Screen All-in-One Panel PC
- 1440 x 900 resolution
- 16:10 High Quality Wide Screen
- **Intel ATOM D2550 (1.86G Cedar Trail-D)**
- **NM10 Chipset**
- **DDRIII SO-DIMM x 2 1066/1333MHz 4G**
- **Surface Pencil Hardness >=3H per ASTM D 3363 Touch Panel**
- **VGA In Port (Monitor)x1, VGA Out Port x 1, RJ45 LAN Jack x 2, USB 2.0 x 4, RS232 Serial Port (COM Port) x 4 PC Legacy Printer Port x 1 Audio Line-in/Line-out x 1, Mic-in x 1 Antenna x 3**
- **Dimensions: 46.5cm (L)x314cm (W)x6.76cm (D)**
- FCC/CE/UL Certified

### System

CPU:	Intel ATOM D2550 (1.86G Cedar Trail-D)
Chipsets:	Intel NM10
System Memory:	Support : SO-DIMM DDR3 x 2 (MAX 4G) Default 4G
Audio:	Realtek ALC886
Ethernet:	Dual Intel Giga LAN 82583Vx2
Drive Bay:	2.5"SATA III HDD Bay : X 1 Default : 320G (SATA II)
Expansion:	mini Card Slot : x 2
WiFi:	Wi-Fi/3G Module for optional
Watchdog Timer :	Reset: 1sec ~255sec
H/W Status Monitor	Monitoring System Temperature, Voltage with Auto Throttling Control (optional)



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### Display Screen

LCD Size:	19", 16:10
Display Type:	WXGA + TFT
Resolution:	1440 x 900
Backlight:	LED
Luminance:	250 nits
Contrast Ratio:	600
Touch Screen:	10-fingers AMR MultiTouch

### Mechanical and Environment

Installation/Mounting:	Wall/ Stand/ VESA 100mm X 100mm
Power Adapter:	Input: 100-240V ~ 1.5A 50-60Hz Output: 90W 19V 5A
Operating Temperature:	0 ~ 35°C (32 ~ 95°F)
Storage Temperature:	-10 ~ 50°C (14 ~ 122°F)
Operating Humidity:	0% ~ 90% Relative Humidity, Non-condensing
Dimensions:	46.5cm (L)x314cm (W)x6.76cm (D)
Weight:	7.6 kg

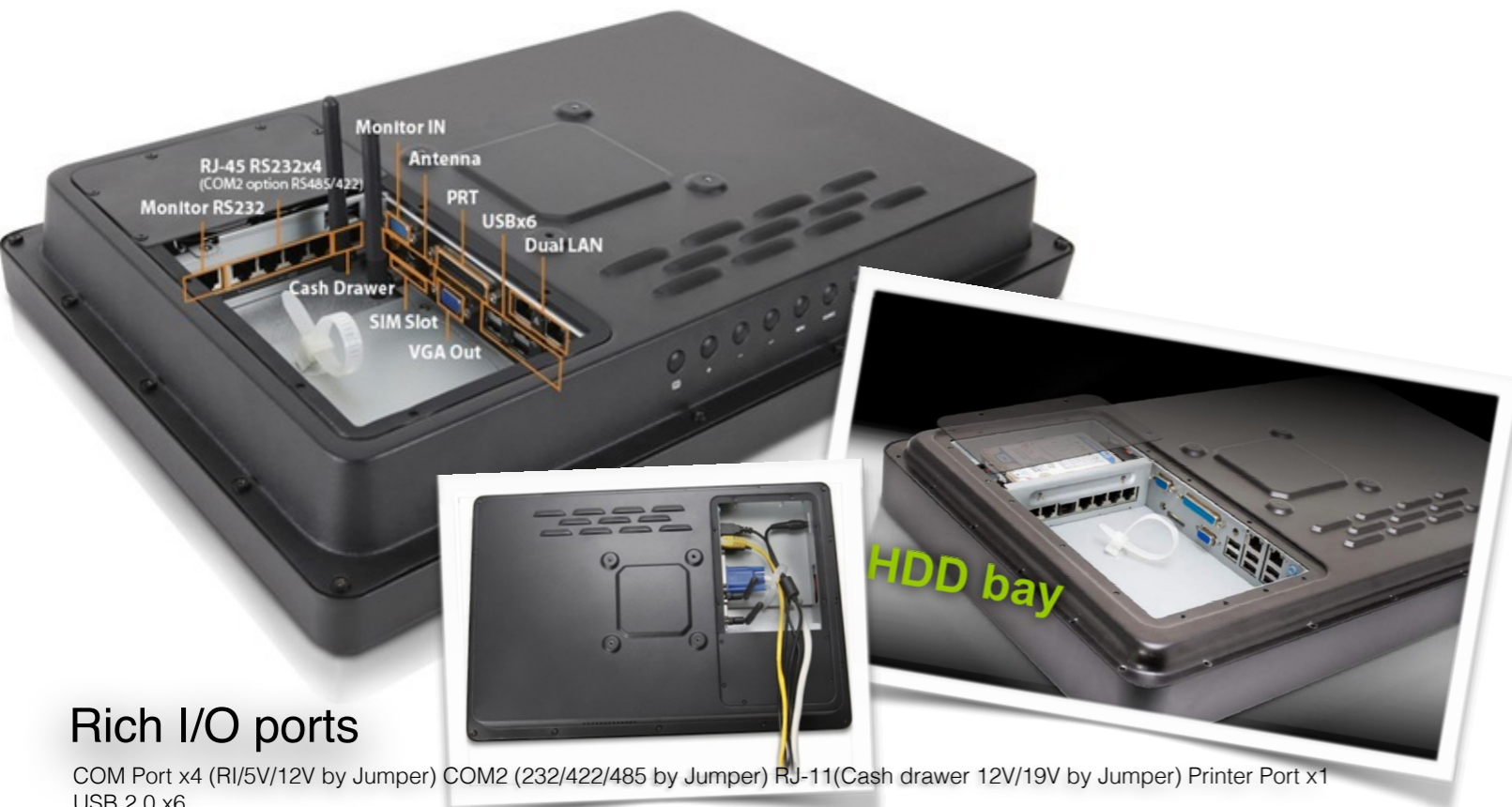
### External I/O

COM:	Port x4 (RI/5V/12V by Jumper 232/422/485)
LAN:	2 x RJ-45
VGA input:	1 x VGA
VGA / YPbPr:	1 x DB-15
On front 1.3 Megapixel camera	Antenna hole x 3
Audio:	Line-out, MIC-in, Line-in
USB:	4 x USB 2.0
Speaker:	2x2W

### Display

Display Chipset:	Intel® D2550 Build inPCH : NM10
Graphic	Integrated Intel® CPU
Resolution:	Max Resolutions Up to 1440 x 900
Second Display:	VGA

Accessory Included: 1 x Power Adaptor, 1 x Power Cord (Europe), 1 x Pack of Screws, 1 x Driver CD, 1 x User's Quick Installation Guide  
Note: The standard version DOES NOT come with 10-wire AMR Touch and desktop stand. Please contact us for pricing and lead-time.



Win7 support 10 Points Multi-Touch

### Rich I/O ports

COM Port x4 (RI/5V/12V by Jumper) COM2 (232/422/485 by Jumper) RJ-11(Cash drawer 12V/19V by Jumper) Printer Port x1  
 USB 2.0 x6  
 GbE LAN RJ45 \*2  
 5.1 CH Audio Jack (horizontal x 3)  
 DC 19V (AC Adaptor 19V/90W)  
 VGA input connector x1 from AD board  
 VGA output connector x1 from Motherboard (for Dual Display)

### IP65 grade dust & waterproof panel

The system's robust structure makes it safe to install in even the most demanding environments.



Fanless systems

### Chemical Resistance

The active area of the touchscreen is resistant to the following chemicals when exposed for a period of one hour at a temperature of 70°F (21°C): Industrial Chemicals: Acetone, Methylene chloride, Methyl ethyl ketone, Isopropyl alcohol, Hexane, Turpentine, Mineral spirits, Unleaded Gasoline, Diesel Fuel, Motor Oil, Transmission Fluid, Antifreeze.

Test Data ASTM D 1308-87 for 24hrs		
Chemical	Chemical reaction	Judge
Beer	Pass	
Tea	Pass	
Coffee	Pass	
Cola	Pass	
Ink	Pass	
Windex	Pass	

Test Data eTT Standard for 15minutes		
Chemical	Chemical reaction	Judge
HCL	Pass	
H2SO4	Pass	
NaOH	Pass	
Gasoline	Pass	
Acetone	Pass	

