

Zenith19M-Z04

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
- Supports Intel® Core™ 2 Duo/Celeron® M Processor
- 667/800/1066 MHz FSB
- Intel® GM45/ICH9ME Chipset, GMA 4500MHD
- up to 4 GB DDR2 SO-DIMM 667/800 MHz System Memory
- External I/O: Mini-PCie, 1 COM, DVI, HDMI, VGA, 2 Gbit LAN, Audio, 6 USB
- Function Keys for Brightness & Volume Control
- DC 19V Power
- Dimensions: 19.25" (L) x 12.5" (W) x 3" (D)
- FCC/CE/UL Certified

System

CPU:	Supports Intel® Core™ 2 Duo/ Celeron® M processors with 667/800/1066 MHz FSB Up to 35W
Chipsets:	Intel® 45GM + Intel® ICH9M-E
System Memory:	Two SO-DIMM slots support up to 4 GB DDR2 667/800 MHz
Audio:	Realtek® ALC888/ALC886 HD Audio
Ethernet:	LAN 1: Intel® 82567LM Gigabit LAN LAN 2: Intel® 82574L Gigabit LAN
Drive Bay:	1 x 2.5" HDD Bay, 1 x Slim CD/DVD-ROM Bay
Expansion:	1 x Mini PCI Express
WiFi:	Optional WiFi Module
Watchdog Timer :	Reset: 1~65535 sec./min. and 1 min./step

H/W Status Monitor Monitoring System Temperature, Voltage with Auto Throttling Control



OEM products are designed for OEMs with ongoing and consistent order requirements and subject to minimum order quantities. Evaluation units are available without such restrictions. Aplus Inc. has multiple stocking distributors that may be able to work with OEMs to streamline product deliveries. Please contact Aplus Inc. Sales for more information on any OEM products you may be interested in.

Display Screen

LCD Size:	19", 16:10
Display Type:	WXGA + TFT
Resolution:	1440 x 900
Pixel Pitch:	0.282mm (H) x 0.282mm (V)
Luminance:	300 cd/m2
Contrast Ratio:	850
Touch Screen:	Optional 5-wire Resistive Touch

Mechanical and Environment

Installation/Mounting:	Wall/ Stand/ VESA 100mm X 100mm
Power Adapter:	Input: 100-240V ~ 1.5A 50-60Hz Output: 120W 19V 6.3A
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:	49cm (L) x 32cm (W) x 7.62cm (D)
Weight:	6.5 kg

External I/O

COM:	1 x RS-232
LAN:	2 x RJ-45
HDMI:	1 x HDMI
DVI:	1 x DVI
VGA / YPbPr:	1 x DB-15
Audio:	Line-out, MIC-in, Line-in
USB:	6 x USB 2.0
Speaker:	2x5W

Display

Display Chipset:	Intel® GM45 Integrated Graphics Media Accelerator 4500MHD
Display Memory:	Intel® DVMT 5.0 Supports 384MB Shared Video Memory
Resolution:	Max Resolutions Up to 2048 x 1536
Second Display:	HDMI/DVI/VGA

Accessory Included: 1 x Power Adaptor, 1 x Power Cord (Europe), 1 x Heatpipe, 1 x SATA CD-ROM Adaptor, 1 x Pack of Screws, 1 x Driver CD, 1 x User's Quick Installation Guide
 Note: The standard version DOES NOT come with 5-wire Resistive Touch and Zenith19M-Z04 designed stand. Please contact us for pricing and lead-time.

Extended Lifecycle and Revision Control

The Zenith19M-Z04 is anchored on industrial motherboard which has a 7 year lifecycle. The same stability and control processes that customers have come to expect from industrial board line are applied to our industrial PC.



Performance

The Zenith19M-Z04 integrates Mini ITX motherboard into an optimized metal frame housing behind the LCD panel with optional touch and wrapped in a black glossy front bezel and rear cover. The system design is based on the Intel® GM45 Express Chipset with Socket P support and the Intel® 45nm Mobile Core™ 2 Duo processor up to 1066 MHz FSB for faster data transfer rate. The integrated Intel® Graphics Media Accelerator (GMA) 4500MHD supports Blue-ray, 1080P HD and outstanding 3D graphics performance for content-rich applications. The dual display capabilities are supported via external HDMI, DVI and VGA outputs.



Ultra-slim design

Unlike most industrial PC units designed for the shop floor, the Zenith19M-Z04 offers a much softer and elegant look suitable for a non-factory environment yet maintains the Core™ features of an industrial/embedded product such as extended lifecycle and revision control. The ultra-slim design is only 7.62 cm thick comparable to typical LCD monitors and the plastic finish sports a high gloss finish.

