

19" Panel PC ordering information:

1. Model 1: Panel PC-1900-Atom N270 (Intel Atom N270 , 1.6Ghz/512K cache fanless CPU)
2. Model 2: Panel PC-1900-C2D 1.6G (Intel Mobile core 2 Duo 1.6G/2M cache CPU)

Panel PC-1900-Atom N270 19" Industrial Fanless Panel PC Specification

Features :

- 19"W Industrial grade TFT WXGA LCD Solution
- Embedded Intel Atom N270 (1.6Ghz /512K cache) low power Fanless processors
- DDR 2 DIMM x 2, Max. 2.0 GB
- Onboard Intel 82562 10/100 Mbits Lan Ethernet
Or Intel 82574L 10/100/1000 giga Lan Ethernet (By request)
- Integrated 945GSE built in Intel Graphic media accelerator 950 graphic core,
Supports CRT and TFT LCD display
- 8 x USB 2.0 ports
- 4 x COM ports (COM 2 can be configurable to RS422/485)
- 1 x printer port
- Watchdog timer
- Digital I/O (4 in/4 out)
- One PCI or PCI-E (x1) expansion (by request)
- Inverter board built in for TFT LCD panel
- DC12V /DC19V single power input
- Aluminum front panel , metal housing & stand meet industrial grade
- Tilting angle 10°~90° Countertop Stand (optional)
- Size: 473 mm (W) x 320 mm (L) x 73 mm (H) (without Stand install)
- RoHS Compliance
- Wireless Lan 802.11 b/g/n (optional)
- Speaker (optional)
- Touch screen : optional
- Optional 1: 5 wires resistive touch (size: 473 x 320 x75 mm)
- Optional 2: Capacitive touch (size : 473 x 320 x 75 mm)



- **Optional 3: SAW touch (size : 473 x 320 x 77.5 mm)**
- **Optional 4: I/R touch (size : 473 x 320 x 80 mm)**

System Specification :

Form Factor

Mini itx Form factor

Processor

Intel Atom N270 1.6Ghz/512K cache FSB/ 533 Mhz Processor

System Chipset

Intel N270 + 945GSE + ICH7M

System Memory

DDR2 DIMM module x 2 , max. 2.0GB (Default 1.0GB)

BIOS

Award 8Mbit

Ethernet

Intel 8256210/100 Mbits Lan or Intel 82574L 10/100/1000 Giga Lan Ethernet

Audio

Realtek ALC 662 HD Audio , 5.1 channel

Serial

4 x RS-232 (COM2 can be configurable to RS-422/485)

USB

8 x USB 2.0

KB / Mouse Connector

2 x PS/2

Card Reader (optional)

MSR track 1,2,

Stand (optional)

Tilting angle 10 deg. To 90 deg. Countertop Stand

HDD

2.5 inch 40GB/80/160GB/320GB up or Compact flash 2.0GB/4.0GB/8.0GB up

OS Optional

Windows XP Professional / Embedded / WePOS/POS2009 Ready

Power Adapter

100V ~ 240V AC IN

Dimension

1. 473 mm (W) x 320 mm (L) x 73 mm (H) (without touch)
2. 473 mm (W) x 320 mm (L) x 75 mm (H) (with 5 wires resistive touch)
3. 473 mm (W) x 320 mm (L) x 75 mm (H) (with capacitive touch)
4. 473 mm (W) x 320 mm (L) x 77.5 mm (H) (with SAW touch)

5. 473 mm (W) x 320 mm (L) x 80 mm (H) (with I/R touch)

Temperature

Operating : 0 °C to 60 °C

Humidity

10% to 90% non condensing

LCD Panel Specification :

Viewable Size Image

19"

Active Display Area(mm)

408.24 (H) x 255.15 (V) mm

Pixel Pitch (mm)

0.2835 (H) x 0.2835 (V) mm

Pixels HxV

1440 (H) x 900 (V) pixels

Contrast Ratio

1000:1 (typical.)

Display Color

16.77M colors (6 bits + Hi-FRC)

Brightness (cd/m2)

300 (typical.)

Viewing Angle

Horizontal: 85°/85° (L/R) , Vertical 80°/80° (U/D)

Recommend Resolution

1440x900@60Hz, 75Hz

Power source

AC 100~240 V, Universal,±10%

Power Consumption

20W typical, normal operation

Power Management

VESA DPMS Compliant

Plug Play

VESA DDC 1/2B

Lamp life

50,000 hours



Panel PC-1900-C2D 1.6G

19" Industrial Fanless Panel PC Specification

Features :

- 19"W Industrial grade TFT WXGA LCD Solution
- Intel Mobile Core 2 duo 1.6Ghz processors with fan installed
- DDR 2 DIMM x 2, Max. 4.0 GB
- Onboard Intel 82562 10/100 Mbits Lan Ethernet
Or Marvell 88E8053 10/100/1000 giga Lan Ethernet (By request)
- Integrated 945GM built in VGA graphic,
Supports CRT and TFT LCD display
- 6 x USB 2.0 ports
- 2 x COM ports (COM 2 can be configurable to RS422/485)
- 1 x printer port
- Watchdog timer
- Digital I/O (4 in/4 out)
- One PCI or PCI-E (x1) or PCI-E (x16) expansion (by request)
- Inverter board built in for TFT LCD panel
- DC12V single power input
- Aluminum front panel , metal housing & stand meet industrial grade
- Tilting angle 10°~90° Countertop Stand (optional)
- Size: 473 mm (W) x 320 mm (L) x 73 mm (H) (without Stand install)
- RoHS Compliance
- Wireless Lan 802.11 b/g/n (optional)
- Speaker (optional)
- **Touch screen : optional**
- Optional 1: 5 wires resistive touch (size: 473 x 320 x 75 mm)
- Optional 2: Capacitive touch (size : 473 x 320 x 75 mm)
- Optional 3: SAW touch (size : 473 x 320 x 77.5 mm)
- Optional 4: I/R touch (size : 473 x 320 x 80 mm)



System Specification :

Form Factor

Mini itx Form factor

Processor

Intel Mobile Core 2 duo 1.6Ghz/2M cache FSB/ 533 Mhz Processor

System Chipset

Intel 945GM + ICH7M

System Memory

DDR2 DIMM module x 2 , max. 4.0GB (Default 1.0GB)

BIOS

Award 8Mbit

Ethernet

Intel 8256210/100 Mbits Lan or Marvell 88E8053 10/100/1000 Giga Lan Ethernet

Audio

ICH7M integrated audio with AC97 Codec

Serial

2 x RS-232 (COM2 can be configurable to RS-422/485)

USB

6 x USB 2.0

KB / Mouse Connector

2 x PS/2

Card Reader (optional)

MSR track 1,2,

Stand (optional)

Tilting angle 10 deg. To 90 deg. Countertop Stand

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Viewing Angle	Horizontal: 85°/85° (L/R) , Vertical 80°/80° (U/D)
Recommend Resolution	1440x900@60Hz, 75Hz
Power source	AC 100~240 V, Universal,±10%
Power Consumption	20W typical, normal operation
Power Management	VESA DPMS Compliant
Plug Play	VESA DDC 1/2B
Lamp life	50,000 hours

