

POS-1500 industrial POS PC ordering information:

Model 1: POS-1500-Atom N270 (Intel Atom N270 fanless CPU embedded)

Model 2: POS-1500-C2D 1.6G (Intel mobile Core 2 Duo 1.6Ghz CPU installed)

Model 3: POS-1500-LX800 (AMD LX800 fanless CPU embedded)

POS-1500-Atom N270

15" Fanless Industrial POS PC Specification

Features :

- 15" Industrial grade TFT XGA 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 expansion (by request)
- Inverter board built in for TFT LCD panel
- Touch screen controller board for 5 wires resistive touch
- DC12V /DC19V single power input
- Aluminum front panel , metal housing & stand meet industrial grade
- Tilting angle 10°~90° Countertop Stand
- Size: 345 mm (H) x 442 mm (W) x 203 mm (D)
- RoHS Compliance



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

MSR track 1,2,

Stand

Tilting angle 10 deg. To 90 deg. Countertop Stand

HDD

2.5 inch 40GB/60GB/80/160GB 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

345 mm (H) x 442 mm (W) x 203 mm (D) (with MSR reader installed)

Temperature

Operating : 0 °C to 60 °C

Humidity

10% to 90% non condensing

LCD Panel Specification :

Viewable Size Image	15"
Active Display Area(mm)	304.1 (H) x 228.1 (V)
Pixel Pitch (mm)	0.297 (H) x 0.297 (V)
Pixels HxV	1024x3(RGB) x768
Contrast Ratio	700:1 (typical.)
Display Color	16.2M/262K colors
Brightness (cd/m2)	350 (typical.)
Viewing Angle	-60~70 (H); -50~65 (V)
Recommend Resolution	1024x768@60Hz, 75Hz
Power source	AC 100~240 V, Universal,±10%
Power Consumption	10 W typical, normal operation
Power Management	VESA DPMS Compliant
Plug Play	VESA DDC 1/2B
Lamp life	50,000 hours
Touch Screen	5 wires Resistive

VFD Customer Display specification :

Display method

Vacuum fluorescent display

Number of character

**32 characters
(16 columns x 2 lines)**

Character font

5 x 7 Dot matrix

Display color

Blue green

Brightness

700 cd/m²

Character type

**96 alphanumeric
13 kinds of international character set
1 kind of user define character**

Character size

9.0mm x 5.25mm



POS-1500-C2D 1.6G

15" Industrial POS PC Specification

Features :

- 15" Industrial grade TFT XGA 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 Intel 945 GME 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 expansion by request
- Inverter board built in for TFT LCD panel
- Touch screen controller board for 5 wires resistive touch
- DC12V single power input
- Aluminum front panel , metal housing & stand meet industrial grade
- Tilting angle 10°~90° Countertop Stand
- Size: 345 mm (H) x 442 mm (W) x 203 mm (D)
- RoHS Compliance



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

MSR track 1,2,

Stand

Tilting angle 10 deg. To 90 deg. Countertop Stand

HDD

2.5 inch 40GB/60GB/80/160GB 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

345 mm (H) x 442 mm (W) x 203 mm (D) (with MSR reader installed)

Temperature

Operating : 0 °C to 60 °C

Humidity

10% to 90% non condensing

LCD Panel Specification :

Viewable Size Image	15"
Active Display Area(mm)	304.1 (H) x 228.1 (V)
Pixel Pitch (mm)	0.297 (H) x 0.297 (V)
Pixels HxV	1024x3(RGB) x768
Contrast Ratio	700:1 (typical.)
Display Color	16.2M/262K colors
Brightness (cd/m2)	350 (typical.)
Viewing Angle	-60~70 (H); -50~65 (V)
Recommend Resolution	1024x768@60Hz, 75Hz
Power source	AC 100~240 V, Universal,±10%
Power Consumption	10 W typical, normal operation
Power Management	VESA DPMS Compliant
Plug Play	VESA DDC 1/2B
Lamp life	50,000 hours
Touch Screen	5 wires Resistive

VFD Customer Display specification :

Display method

Vacuum fluorescent display

Number of character

**32 characters
(16 columns x 2 lines)**

Character font

5 x 7 Dot matrix

Display color

Blue green

Brightness

700 cd/m²

Character type

**96 alphanumeric
13 kinds of international character set
1 kind of user define character**

Character size

9.0mm x 5.25mm



POS-1500-LX800

15" Fanless Industrial POS PC Specification

Features :

- 15" Industrial grade TFT XGA LCD Solution
- Embedded AMD Geode LX 800 low power Fanless processors
- DDR 1 DIMM x 1, Max. 1GB
- Onboard Realtek RTL8110SC 10/100/1000 Giga Lan Ethernet
Or Realtek RTL8100C 10/100 Mbits Ethernet (By request)
- Integrated LX800 2D VGA controller,
Supports CRT and TFT LCD display (both TTL and LVDS)
- 4 x USB 2.0 ports
- 6 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 expansion by request
- Inverter board built in for TFT LCD panel
- Touch screen controller board for 5 wires resistive touch
- DC12V or DC24V single power input (By request)
- DC24V out put for printer or Cash drawer (By request)
- Aluminum front panel , metal housing & stand meet industrial grade
- Tilting angle 10°~90° Countertop Stand
- Size: 345 mm (H) x 442 mm (W) x 203 mm (D)
- RoHS Compliance



System Specification :

Form Factor

Mini itx Form factor

Processor

AMD Geode LX-800 , 500MHz Processor

System Chipset

AMD CS5536 Companion Device

System Memory

1 x 184-pin DIMM, max. 1GB (Default 512MB)

BIOS

Award 4Mbit

Ethernet

Realtek RTL8110SC Giga Lan or Realtek RTL8100C 10/100 Mbits Ethernet

Audio

Realtek ALC655 AC97 Chipset + AC97 codec

Serial

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

USB

4 x USB 2.0

KB / Mouse Connector

2 x PS/2

3 in 1 Card Reader

MSR track 1,2,3 , iButton , IC card , selectable or combination

Stand

Tilting angle 10 deg. To 90 deg. Countertop Stand

HDD

2.5 inch 40GB/60GB/80GB up or Compact flash 2.0GB/4.0GB/8.0GB up

OS Optional

Windows XP Professional / Embedded / WePOS

Power Adapter

100V ~ 240V AC IN

Dimension

345 mm (H) x 442 mm (W) x 203 mm (D) (with 3 in 1 reader installed)

Temperature

Operating : 0 °C to 60 °C

Humidity

10% to 90% non condensing

LCD Panel Specification :

Viewable Size Image	15"
Active Display Area(mm)	304.1 (H) x 228.1 (V)
Pixel Pitch (mm)	0.297 (H) x 0.297 (V)
Pixels HxV	1024x3(RGB) x768
Contrast Ratio	700:1 (typical.)
Display Color	16.2M/262K colors
Brightness (cd/m2)	350 (typical.)
Viewing Angle	-60~70 (H); -50~65 (V)
Recommend Resolution	1024x768@60Hz, 75Hz
Power source	AC 100~240 V, Universal,±10%
Power Consumption	10 W typical, normal operation
Power Management	VESA DPMS Compliant
Plug Play	VESA DDC 1/2B
Lamp life	50,000 hours
Touch Screen	5 wires Resistive

VFD Customer Display specification :

Display method

Vacuum fluorescent display

Number of character

**32 characters
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Character font

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Display color

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Brightness

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