

# 3112T Light-Duty Flat Panel Thinline Industrial Computer

DS-303112(C)



*XYcom Automation industrial computers (IPCs) are designed to provide processing power and versatility. The 3112T IPC offers a powerful processor with a wide range of features. The 3112T also meets the rigorous requirements of the plant floor with a high-resolution flat panel display in a rugged housing ideal for today's manufacturing environment.*

## Higher Performance

The 1.2 GHz Intel Celeron CPU drives the fastest and most demanding applications.

## Pre-loaded Operating Systems

The 3112T system comes standard with Windows® 2000. You have the option to order the system with Windows® XP, or to have no operating system installed.

## Sharp, Easy-to-Read Displays

A bright 12.1" TFT screen can display complex operations with clarity.

## Full Complement of I/O Ports

The 3112T comes standard with an extensive array of I/O ports, including two high-speed RS-232 ports, one configurable RS-232/422/485 port, one

- SPP/EPP/ECP parallel port, two USB ports (one using DOS), one PS/2 mouse/keyboard port, one 10/100 Mbps Ethernet port, one VGA port, and audio I/O (input, output, and mic). The PS/2 port can be connected to a mouse or a keyboard.
- The VGA port can be used to connect a VGA monitor, with or without using the built-in display. The built-in display and an external monitor can be used together in simultaneous mode (both show the same image).



## FEATURES

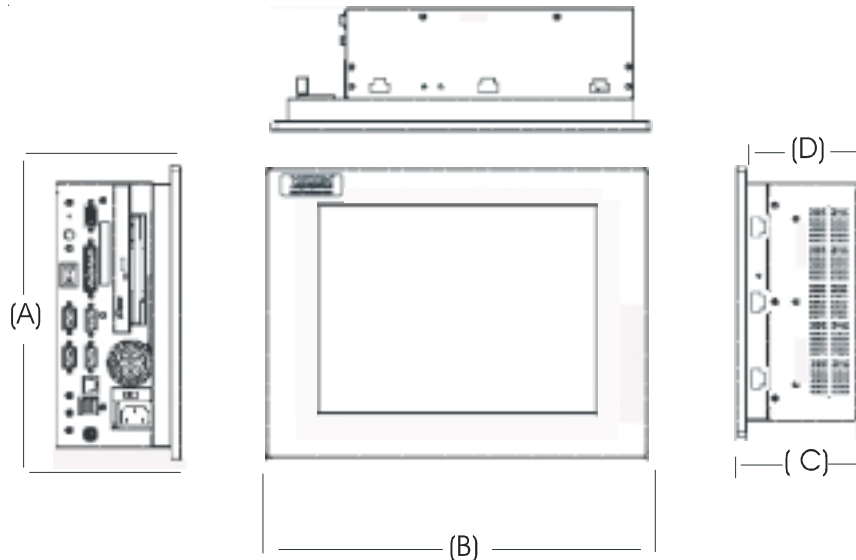
- 12.1" flat panel TFT SVGA (800 x 600) color display
- Analog resistive touchscreen
- Intel® Socket 370 Celeron® 1.2 GHz CPU, 256 KB cache, 100 MHz system bus
- AGP graphics controller with BIOS-selectable video RAM up to 64 MB (uses DRAM)
- 256 MB DRAM (512 MB optional)
- Preloaded with Windows® 2000 operating system (option to load Windows® XP, or to have no operating system installed)
- 20 GB internal hard drive
- Side accessible 1.44 MB floppy drive and CD-ROM drive
- Accessible CompactFlash™
- Two RS-232 ports, and one configurable RS-232/422/485 port
- Parallel port and video port (which supports dual display)
- Two USB ports (1.1 compliant)
- 10/100 BaseT Ethernet
- Audio input/output/mic
- PS/2 keyboard/mouse port
- Power cable and drivers included
- 100-240 V AC power supply
- Panel or wall mount
- 1-year warranty
- NEMA 4/4X/12, IP65 front panel



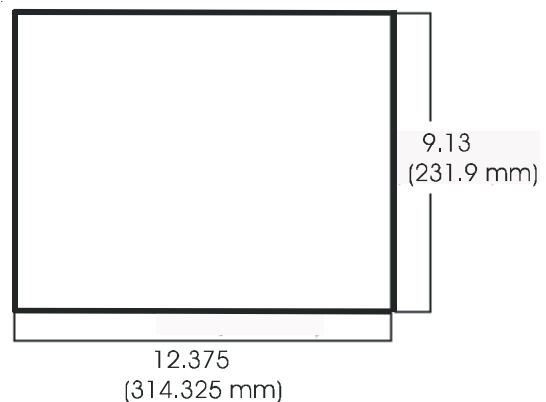
## PRODUCT CONFIGURATION

Model	3112T
Display	12.1" LCD color display, 800 x 600 (SVGA)
Operator Input	Analog resistive touchscreen
Processor	Intel® Celeron
Preloaded OS	Windows® 2000, or Windows® XP

## PRODUCT AND MOUNTING DIMENSIONS



### 3112T Mounting



### 3112T Unit Dimensions

Model	3112T
Height (A)	10.24" (260.0 mm)
Width (B)	13.39" (340.0 mm)
Depth (C)	4.25" (107.95 mm)
Mounting Depth (D)	3.90" (99.0 mm)
Weight	14.5 lbs (6.58 kg)

### Mounting Options

The 3112T is designed to be mounted directly into an equipment panel without requiring special mounting plates or brackets. It can also be mounted on a wall with the wall-mount adapter included in the mounting kit or it can be mounted on a standard 75/100 mm VESA swing or pendent arm. The 3112T is not NEMA rated if mounted outside of a panel.

Please consult the [3112T R2 12" Thin Line Industrial Flat Panel PC Manual](#) for detailed mounting dimensions these options.

## PRODUCT SPECIFICATIONS AND RATINGS

All of the specifications are subject to change without notice.

### Environmental

	Operating	Nonoperating
<b>Thermal</b>	0°C to 50°C (32° TO 122°F)	-20°C to 60°C (-4° to 140°F)
<b>Humidity</b>	5% to 80% RH, noncondensing	5% to 95% RH, noncondensing
<b>Shock<sup>a</sup></b>	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
<b>Vibration<sup>a</sup></b>	0.006" peak to peak displacement	0,015" peak to peak displacement
<b>5-2000 Hz</b>	1.0g maximum acceleration	2.5g maximum acceleration

<sup>a</sup> These values are with solid state hard drives and not rotating media drives

### Electrical

- AC power: 100-240 V AC, 3.0 A max., 88 W nominal<sup>b</sup>, 50/60 Hz

### Regulatory Compliance

- CE (EN 55022, Class A; EN 61000-6-2; IEC 60950-1; EN 61000-3-2, Class A; EN 61000-3-3)
- FCC (47 CFR, Part 15, Class A)

### Front Panel

- NEMA 4/4X/12

### Safety Agency Approvals

- UL 508 Listed
- cUL CSA-C22.2, #142 Listed



<sup>b</sup>Nominal Power is measured for a base configuration only. Any additional expansion and/or devices will increase the input power required.

## ORDERING INFORMATION

To create an order number, follow the conventions defined by the example order number and product configuration.

### Standard Configurations

Order Number	Description
<b>3112T-1200-256-2K</b>	3112T Industrial PC with a Celeron 1.2 GHz CPU, 256 MB DRAM, 20 GB hard drive, 1.44 MB floppy drive, CD-ROM, and Windows 2000 operating system.

3112T -1200

Memory

-256 256 MB SDRAM  
-512 512 MB SDRAM

Operating System

-2K Windows 2000  
-XP Windows XP  
-NOS No operating system<sup>a</sup>

<sup>a</sup> When ordering no operating system, all required drivers will not be loaded, and devices may not function properly

Important Notice for XP configurations: Certain Microsoft® software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of this computer, or may be completed by Internet or telephone (toll charges may apply).

### Warranty Information

The 3112T carries a one-year parts & labor warranty.

**Xycom Automation, LLC**  
**734-429-4971**  
**Fax: 734-429-1010**  
**<http://www.xycom.com>**

**Customer Support Hotline:**  
**734-944-0482**



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