



# I504 & I510 Industrial PCs without Integrated Display

## FEATURES

- Preloaded with MS-DOS, Windows® 98, Windows NT®, or Windows 2000®
- 1504: 6 slot passive backplane: two full length ISA, one full length PCI, and one half length PCI available for expansion.
- 1510: 10 slot passive backplane: four full length ISA, three full length PCI, and one half length PCI available for expansion. Two PICMG slots are dedicated to the CPU
- Intel® Celeron®, and Pentium® III processors (up to 850 MHz)
- Up to 512 MB of DRAM
- Integrated PCI IDE
- Integrated AGP graphics controller with 4 MB video RAM
- 1.44 MB floppy drive
- CD-ROM drive (CD-R/W upgrade option)
- 20 GB hard drive (minimum)
- Two serial, one parallel, PS/2 keyboard and mouse, and VGA ports
- 10/100 BaseT Ethernet port

## OVERVIEW

Xycom Automation's 1504 & 1510 industrial PCs are designed to provide processing power and versatility. These PCs offer a range of processor options and are highly expandable, providing plenty of room to install network or data acquisition cards. Both units are manufactured to Xycom Automation's exacting quality standards and are skillfully fitted into a compact, rugged package ideal for today's manufacturing settings.

### **Fits Your Needs**

You can configure and reconfigure Xycom Automation's industrial PCs for nearly any application through a wide variety of standard technologies. Our industrial PCs make it easy for end users and vendors to use cost-effective industry-standard components, storage options, and ISA/PCI expansion for application specific requirements.

### **Higher Performance**

Up to 850 MHz Pentium III processors are available to drive the fastest and most demanding applications.

### **Windows® 98, Windows NT®, or Windows® 2000**

All 1504 & 1510 systems can be ordered with Windows 98, Windows NT, or Windows 2000. Unless otherwise specified, all 1504s & 1510s are shipped preloaded with MS-DOS.

### **Mounting Options**

The 1504 & 1510 are designed for panel or shelf mounting, either horizontally or vertically.

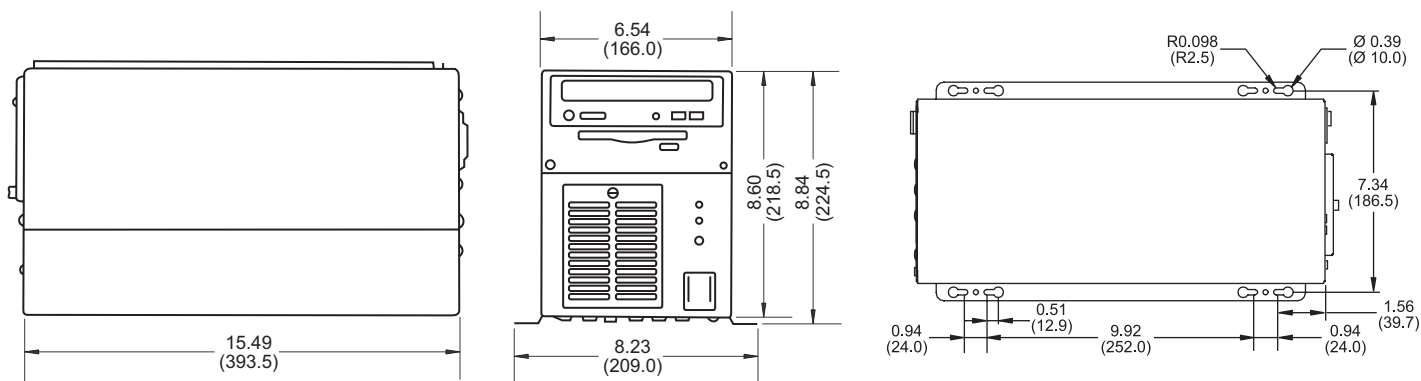
### **Meets High Standards**

To survive on the plant floor, our industrial PC products meet FCC, UL, and European CE mark requirements. Xycom Automation also leads the industry in reliability, service, and support with an optional five-year warranty unmatched in the industry.

### **Network Connectivity**

1504 & 1510 systems are equipped with a 10/100 BaseT Ethernet port.

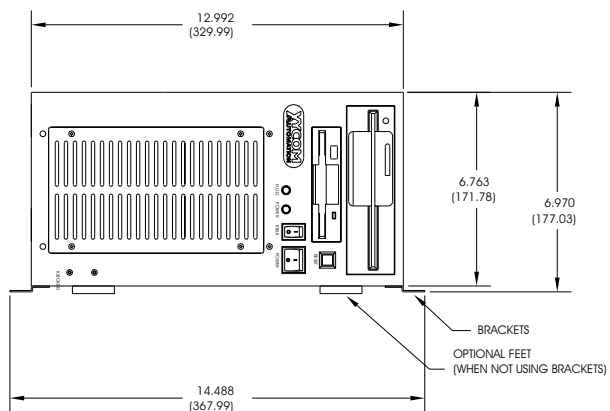
# I 504 PRODUCT AND MOUNTING DIMENSIONS



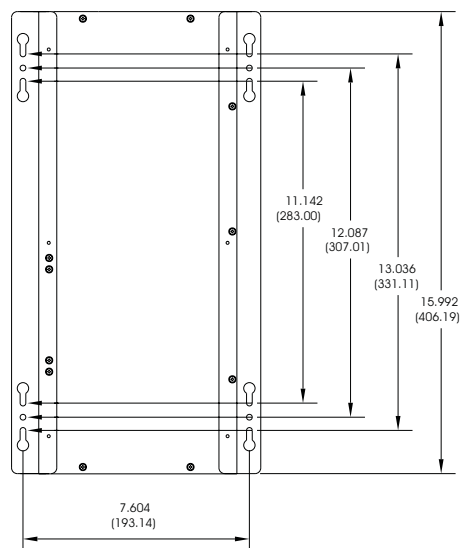
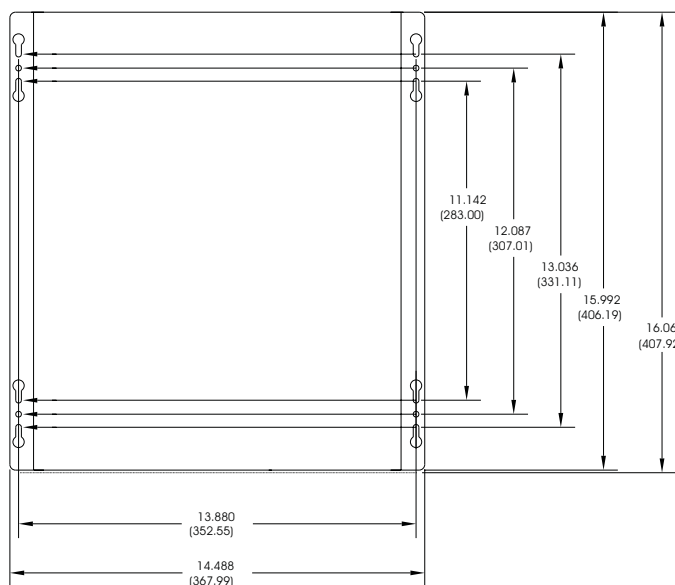
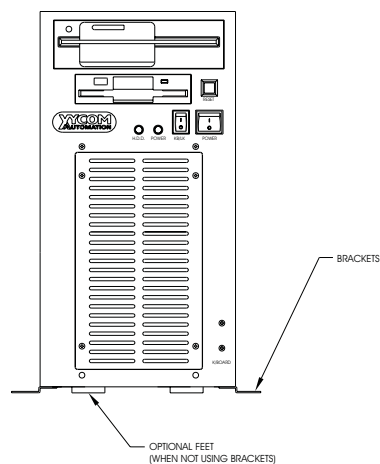
**Unit Weight:** approximately 21 lbs. (9.5 kg)

# I 510 PRODUCT AND MOUNTING DIMENSIONS

## HORIZONTAL SHELF OR PANEL MOUNT



## VERTICAL SHELF OR PANEL MOUNT



**Unit Weight:** approximately 24 lbs 3 oz. (11 kgs)

# PRODUCT SPECIFICATIONS AND RATINGS

## Environmental

	Operating	Nonoperating
<b>Thermal</b>	0°C to 50°C (32° to 122° F)	-40°C to 60°C (-4° to 140°)
<b>Humidity</b>	20% to 80% RH, noncondensing	20% to 80% RH, noncondensing
<b>Shock*</b>	15 g peak acceleration, 11 msec duration	30 g peak acceleration, 11 msec duration (packaged)
<b>Vibration*</b> <b>56-2000 Hz</b>	5 to 500 Hz, 0.0006" peak to peak displacement 1.0 g maximum acceleration	5 to 500 Hz, 0.015" peak to peak displacement 2.5 g maximum acceleration (packaged)
<b>Altitude</b>	Sea level to 10,000 ft. (3,048 m)	Sea level to 40,000 ft. ( 12,192 m)

These values are with solid state hard drives and NOT rotation media drives.

## Electrical

Model	1504	1510
<b>Power Supply</b>	150W AC	235W AC
<b>Input Rating</b>	100-132V AC/200-240V AC, 60-50 Hz, 4A (max)	100-240V AC, wide-ranging, 60-50 Hz, 10-5A

## Cooling fans

Model	1504	1510
<b>Capacity</b>	1 fan @ 38.6 CFM with dust filter (does not include power supply fan)	2 fans @ 51.1 CFM each with dust filter (does not include power supply fans)

## Regulatory Compliance

### CE

- EN 55022, Class A
- EN 61000-6-2
- EN 61000-3-2
- EN 61000-3-3
- EN 60950

### FCC

- 47 CFR, Part 15, Class A

## Safety Agency Approvals

### UL

- UL 60950

### CUL

- CSA-C22.2, #950

# ORDERING INFORMATION

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

## Standard Configurations

### Order Number

### Description

**1504-8433128-CD**

1504 industrial PC with a Celeron® 433 CPU, 128 MB DRAM, 20 GB hard drive, 1.44 MB floppy drive, CD-ROM, and MS-DOS operating system.

1504

**CPU**

- 8433 . Socket 370 Celeron 433 MHz
- 8700 . Socket 370 Pentium III 700 MHz CPU
- 8850 . Socket 370 Pentium III 850 MHz CPU

**SDRAM**

- 128 . . . 128 MB DRAM
- 256 . . . 256 MB DRAM
- 512 . . . 512 MB DRAM

**Power Supply**

- blank. . AC power supply

**5.25" Drive Bay**

- CD . . . CD-ROM installed
- CDW . CD-R/W installed

**Operating System**

- blank. . MS-DOS
- 98. . . Windows 98
- NT . . . Windows NT
- 2K . . . Windows 2000

**1510-8433128-CD**

1510 industrial PC with a Celeron® 433 CPU, 128 MB DRAM, 20 GB hard drive, 1.44 MB floppy drive, CD-ROM, and MS-DOS operating system.

1510

**CPU**

- 8433 . Socket 370 Celeron 433 MHz
- 8700 . Socket 370 Pentium III 700 MHz CPU
- 8850 . Socket 370 Pentium III 850 MHz CPU

**SDRAM**

- 128 . . . 128 MB DRAM
- 256 . . . 256 MB DRAM
- 512 . . . 512 MB DRAM

**Power Supply**

- blank. . AC power supply

**5.25" Bay**

- CD . . . CD-ROM installed
- CDW . CD-R/W installed

**Operating System**

- blank. . MS-DOS
- 98. . . Windows 98
- NT . . . Windows NT
- 2K . . . Windows 2000

**Warranty Information**

The 1504 & 1510 carry a one-year parts and labor warranty.

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