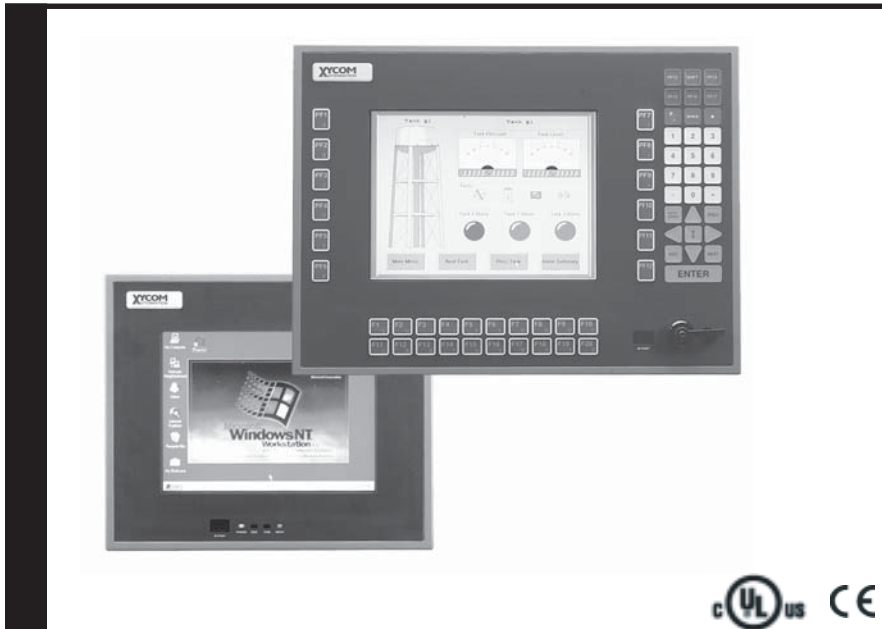


3300 Series Flat Panel Industrial PCs

DS-330001(B)

FEATURES



Xycom Automation's open solutions connect to other automation standards with Industrial PCs that are more than tough enough for plant floor use. (Our standard PC configurations meet the strict specifications for use in Hazardous Locations and Europe's CE mark.) Based on CPU boards designed specifically for industrial automation, our systems provide the capabilities required by demanding applications. With an installed base of 200,000 systems, these Industrial PC products are successfully applied in manufacturing and continuous process environments.

- Preloaded with MS-DOS, Windows® 98, Windows® NT, Windows® 2000, or Windows CE.net (4.2)® operating system
- Built-in 10/100 BaseT Ethernet port
- PC/104 expansion (up to two standard cards)
- 8.4" to 12.1" flat panel color displays
- Choice of operator input options:
 - ◆ Analog resistive touchscreen only, or
 - ◆ Reprogrammable keypad with integrated mouse, or
 - ◆ Combination of keypad, mouse and touchscreen
- NS Geode GX1 300 MHz processor
- Up to 256 MB DRAM (128 MB standard)
- Externally accessible CompactFlash™ site (Type I/II Compact Flash card)
- Floppy drive option
- 20.0 GB (or larger) hard drive
- CompactFlash™ and solid state drive options
- Parallel, RS-232 and RS-232 or RS-485, PS/2 mouse and keyboard ports
- Two USB ports (1.1 compliant)
- NEMA 4/4X/12 and IP65 front panel
- UL listed for hazardous locations: Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G
- 2-year warranty included

Easy-to-Read, Sharp Displays

We offer a range of displays from 8.4" VGA to 12.1" SVGA displays. An optional analog resistive touch screen provides a flexible, easy-to-use interface for operator input. The keypad option maximizes display space and provides legend and keycode flexibility.

Meets High Standards

To survive on the plant floor, our Industrial PCs meet NEMA 4/4x/12 front panel, 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.

Open Platform

Built-in Ethernet allows you to connect Xycom Automation PCs to networks at startup with little effort. With a preloaded Windows operating system, you can communicate locally or with Ethernet connected products and databases through Microsoft and other enabling technologies—including ActiveX, OPC, and standard DDE. Xycom Automation open platform allows you to exchange plant floor data with office applications, and to see what is happening from the plant floor

to corporate headquarters.

Fits Your Needs

You can configure and reconfigure Xycom Automation's Industrial PCs to fit 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, PC/104 expansion, and programmable keypads for application-specific requirements.



PRODUCT CONFIGURATIONS



Model	3308KP	3308T
Display	8.4" flat panel color display, 640 x 480 (VGA)	8.4" flat panel color display, 640 x 480 (VGA)
Operator Input	51-position keypad	Analog resistive touchscreen
Preloaded OS	MS-DOS, Windows® 98, Windows® NT Windows® 2000	MS-DOS, Windows® 98, Windows® NT Windows® 2000
Ethernet	Built-in 10/100 BaseT	Built-in 10/100 BaseT
Expansion	PC/104 expansion (up to two cards)	PC/104 expansion (up to two cards)



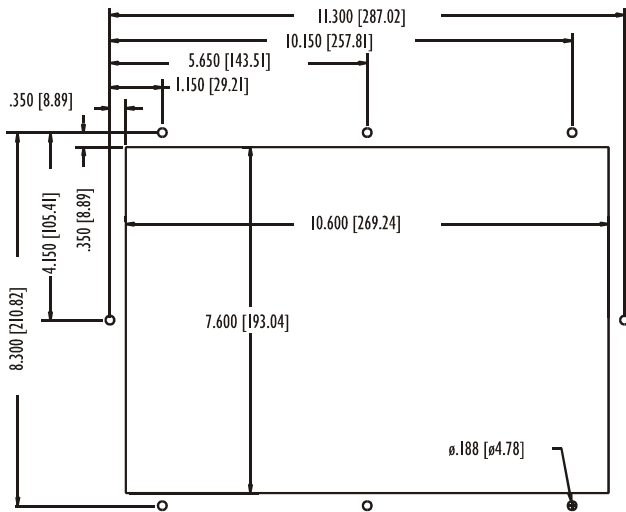
Model	3310KP(T)	3310T
Display	10.4" flat panel color display, 640 x 480 (VGA)	10.4" flat panel color display, 640 x 480 (VGA)
Operator Input	63-position keypad (touchscreen option)	Analog resistive touchscreen
Preloaded OS	MS-DOS, Windows® 98, Windows NT® Windows® 2000	MS-DOS, Windows® 98, Window NT® Windows® 2000
Ethernet	Built-in 10/100 BaseT	Built-in 10/100 BaseT
Expansion	PC/104 expansion (up to two cards)	PC/104 expansion (up to two cards)



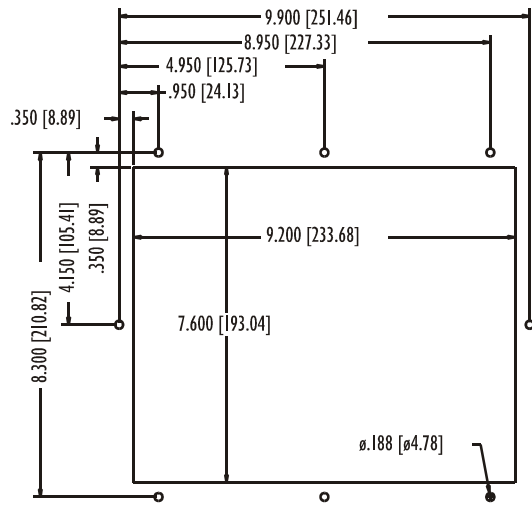
Model	3312KP(T)	3312T
Display	12.1" flat panel color display, 800 x 600 (SVGA)	12.1" flat panel color display, 800 x 600 (SVGA)
Operator Input	63-position keypad (touchscreen option)	Analog resistive touchscreen
Floppy Drive	Option	Option
Preloaded OS	MS-DOS, Windows® 98, Windows NT® Windows® 2000	MS-DOS, Windows® 98, Window NT® Windows® 2000
Ethernet	Built-in 10/100 BaseT	Built-in 10/100 BaseT
Expansion	PC/104 expansion (up to two cards)	PC/104 expansion (up to two cards)

PRODUCT AND MOUNTING DIMENSIONS

3308KP Mounting



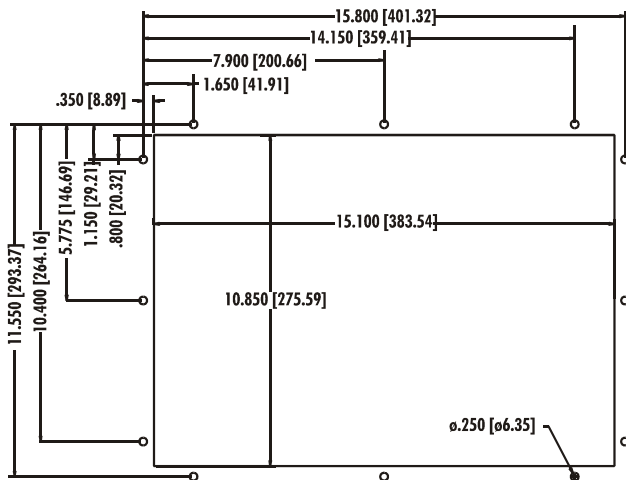
3308T Mounting



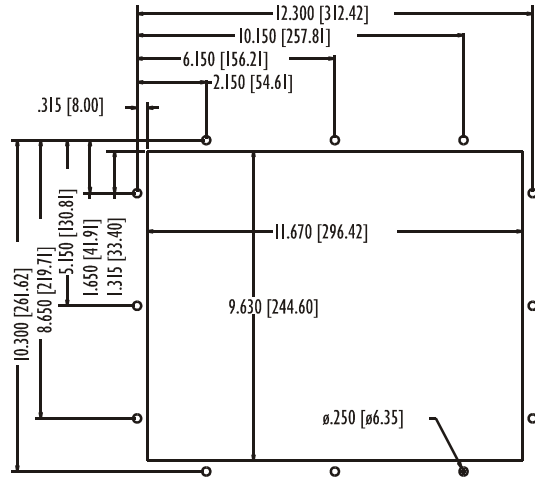
3308 Unit Dimensions

Model	3308KP	3308T
Height	9.00" (228.6 mm)	9.00" (228.6 mm)
Width	12.00" (304.8 mm)	10.60" (269.2 mm)
Depth	4.30" (109.2 mm)	4.20" (106.7 mm)
Mounting Depth	3.30" (83.8 mm)	3.20" (81.3 mm)
Weight	9 lbs (4.1 kg)	9 lbs (4.1 kg)

3310KP(T) Mounting



3310T Mounting

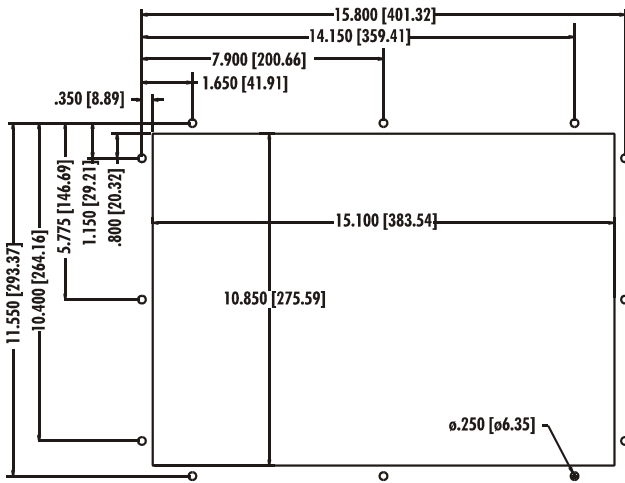


3310 Unit Dimensions

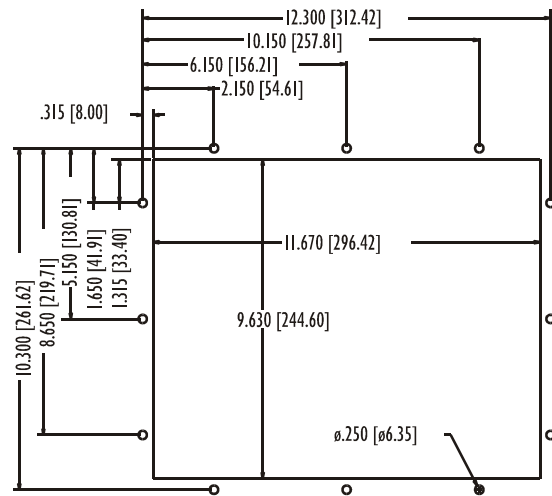
Model	3310KP(T)	3310T
Height	12.25" (311.5 mm)	11.00" (279.4 mm)
Width	16.50" (419.1 mm)	13.00" (330.2 mm)
Depth	4.50" (114.3 mm)	4.50" (114.3 mm)
Mounting Depth	3.50" (88.9 mm)	3.50" (88.9 mm)
Weight	12 lbs (5.5 kg)	11 lbs (5.0 kg)

PRODUCT AND MOUNTING DIMENSIONS

3312KP(T) Mounting



3312T Mounting



3312 Unit Dimensions

Model	3312KP(T)	3312T
Height	12.25" (311.5 mm)	11.00" (279.4 mm)
Width	16.50" (419.1 mm)	13.00" (330.2 mm)
Depth	4.50" (114.3 mm)	4.50" (114.3 mm)
Mounting Depth	3.50" (88.9 mm)	3.50" (88.9 mm)
Weight	12 lbs (5.5 kg)	11 lbs (5.0 kg)

All dimensions are in inches [millimeters]

PRODUCT SPECIFICATIONS AND RATINGS

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C	-20°C to 60°C
Humidity	20% to 80% RH, noncondensing	5% to 95% RH, noncondensing
Shock ^a	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
Vibration	.006" peak to peak displacement	.015" peak to peak displacement
5-2000 Hz ^a	1.0g maximum acceleration	2.5g maximum acceleration
Altitude ^b	Sea level to 10,000 ft.	Sea level to 40,000 ft.

^a These values are with solid state hard drives and not rotating media drives.

^b Consistent with internal component specifications.

Electrical

Power Supply	40 Watt power
AC Power	100-240V AC, 50-60 Hz, 1A (maximum)
DC Power	18-30V DC, 24V nominal, 3.6A (maximum) (option)
Power Available for Expansion	+5V@2A +12V@1A -12V@0.4A

Front Panel

- NEMA 4/4X/12 and IP65

Regulatory Compliance

- CE
- EN 55022
 - EN 61000-6-2
 - EN 60950
- FCC
- 47 CFR, Part 15, Class A
 - ICES-003, Class A

Safety Agency Approvals

- UL:
- UL 508 Listed
 - UL 1604 Listed
- cUL:
- CSA-C22.2, #142 Listed
 - CSA-C22.2, #213 Listed



Product certification documentation available at:
www.xycom.com/certifications

ORDERING INFORMATION

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

Example Order Number

Order Number

Description

3308(T or KP)-300-128

3300 series workstation with 89.4" color display, analog resistive touch screen or keypad, 128 MB RAM, MS-DOS preloaded, AC power supply, 20 GB hard drive.

Example Order Number

33 - 300

Color Flat Panel Display and Operator Input

08T	8.4" VGA display with touchscreen
08KP	8.4" VGA display with keypad
10T	10.4" VGA display with touchscreen
10KP	10.4" VGA display with keypad
10KPT	10.4" VGA display with keypad and touchscreen
12T	12.1" SVGA display with touchscreen
12KP	12.1" SVGA display with keypad
12KPT	12.1" SVGA display with keypad and touchscreen

DRAM

-128	128 MB DRAM
-256	256 MB DRAM

Power Supply

blank	AC power supply
-24V	24V DC power supply

Floppy Drive

blank	No floppy
-F	External floppy drive installed

Internal Hard Drive

blank	20 GB hard drive
-64M	64 MB CompactFlash drive ^a
-128M	128 MB CompactFlash drive (Internal) ^a
-2GSS	2 GB solid state hard drive ^b

Operating System

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

^aAvailable for MS-DOS only ^b Not recommended when applications are storing data

Warranty Information

The 3300 series carries a two-year parts & labor warranty.

ORDERING INFORMATION (CONTINUED)

Example Order Number

Order Number	Description
3300-SDK01	Windows CE 4.2 software development kit (SDK). Includes I/O serial cable.

Example Order Number

33 - 300-128 -CE

Color Flat Panel Display and Operator Input

- 08T 8.4" VGA display with touchscreen
- 08KP 8.4" VGA display with keypad
- 10T 10.4" VGA display with touchscreen
- 10KP 10.4" VGA display with keypad
- 10KPT 10.4" VGA display with keypad and touchscreen
- 12T 12.1" SVGA display with touchscreen
- 12KP 12.1" SVGA display with keypad
- 12KPT 12.1" SVGA display with keypad and touchscreen

Power Supply

- blank AC power supply
- 24V 24V DC power supply

Floppy Drive

- blank No floppy
- F External floppy drive installed

Internal Mass Storage

- 64M 64 MB CompactFlash drive
- 128M 128 MB CompactFlash drive (Internal)

Warranty Information

The 3300 series carries a two-year parts & labor warranty.

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