



3500 Series Flat Panel Industrial PCs

Xycom Automation's open solutions connect to other automation standards with industrial PCs that are tough enough for plant floor use. (Our standard PC configurations meet the strict specifications for

FEATURES

- Preloaded with MS-DOS®, Windows® 95, Windows® 98, Windows NT®, or Windows® 2000 operating system
- Optional 10/100 BaseT Ethernet port
- Three or six ISA/PCI expansion slots
- 10.4" to 15" flat panel color displays
- Reprogrammable keypad, analog resistive touchscreen, or both for operator input
- Intel® Celeron® and Pentium® III processors (up to 700 MHz)
- Up to 512 MB DRAM
- CD-ROM and floppy drive options
- 10 GB hard drive
- Flash drive option
- Two USB ports
- RS-232 port
- RS-232 or RS-485 port
- PS/2 keyboard, PS/2 mouse
- VGA port
- IrDA-compatible infrared port
- NEMA 4/4X/12 front panel

use in hazardous locations and Europe's CE mark.) Based on CPU boards designed specifically for industrial automation, these systems provide the capabilities required by demanding applications. With an installed base of 180,000 systems, our industrial PC products are successfully applied in manufacturing and continuous process environments.

Easy-to-Read, Sharp Displays

Bright TFT screens can display complex operations with clarity. We offer a wide range of displays from 10.4" VGA to 15" XGA displays for low-end and high-end applica-

tions. An optional analog resistive touchscreen provides a flexible, easy-to-use interface for operator input. Key-

pad options provide legend and keycode flexibility while maximizing display space.

Higher Performance

Up to 700 MHz Pentium III processors available to drive the fastest and most demanding applications. An Ethernet option allows you to connect these units networks at startup with little effort.

Meets High Standards

To survive on the plant floor, our PCs meet NEMA 4/4X/12, 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

With a preloaded Windows operating system, you can communicate with locally or Ethernet connected products and databases through Microsoft and other enabling technologies—including ActiveX, OPC, and standard DDE. Exchange plant floor data with office applications and see what's happening from the plant floor to corporate headquarters.

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 com-

DS-350003(G)

XYCOM
AUTOMATION
a subsidiary of Pro-face America

PRODUCT CONFIGURATIONS



Model	3510KP(T)	3510T
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
Processor	Intel® Celeron, Pentium® III	Intel® Celeron, Pentium® III
Preloaded OS	MS-DOS®, Windows NT®, Windows® 95, 98, 2000	MS-DOS®, Windows NT®, Windows 95, 98, 2000
Ethernet	Option	Option
Expansion	One ISA, one PCI, one shared (ISA or PCI)	One ISA, one PCI, one shared (ISA or PCI)



Model	3512KP(T)	3512T
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
Processor	Intel® Celeron, Pentium® III	Intel® Celeron, Pentium® III
Preloaded OS	MS-DOS®, Windows NT®, Windows® 95, 98, 2000	MS-DOS®, Windows NT®, Windows® 95, 98, 2000
Ethernet	Option	Option
Expansion	One ISA, one PCI, one shared (ISA or PCI)	One ISA, one PCI, one shared (ISA or PCI)



Model	3512KPM(T)	3535KPM(T)
Display	12" flat panel color display, 800 x 600 SVGA	15" flat panel color display, 1024 x 768 (XGA)
Operator Input	71-position keypad and industrial mouse (touchscreen option)	74-position keypad and industrial mouse (touchscreen option)
Processor	Intel® Celeron, Pentium® III	Intel® Celeron, Pentium® III
Preloaded OS	MS-DOS®, Windows NT®, Windows® 95, 98, 2000	MS-DOS®, Windows NT®, Windows® 95, 98, 2000
Ethernet	Optional	Optional
Expansion	Three ISA, two PCI, and one shared ISA or PCI	One ISA, one PCI, one shared (ISA or PCI)



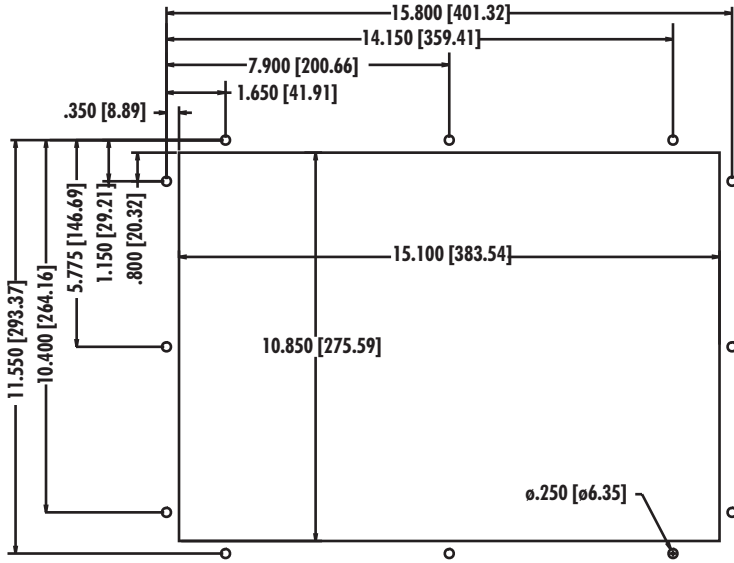
Model	3535T	3515KPM(T)
Display	15" flat panel color display, 1024 x 768 XGA	15" flat panel color display, 1024 x 768 (XGA)
Operator Input	Analog resistive touchscreen	74-position keypad and industrial mouse (touchscreen option)
Processor	Intel® Celeron, Pentium® III	Intel® Celeron, Pentium® III
Preloaded OS	MS-DOS®, Windows NT®, Windows® 95, 98, 2000	MS-DOS®, Windows NT®, Windows® 95, 98, 2000
Ethernet	Option	Option
Expansion	One ISA, one PCI, one shared (ISA or PCI)	Three ISA, two PCI, and one shared ISA or PCI



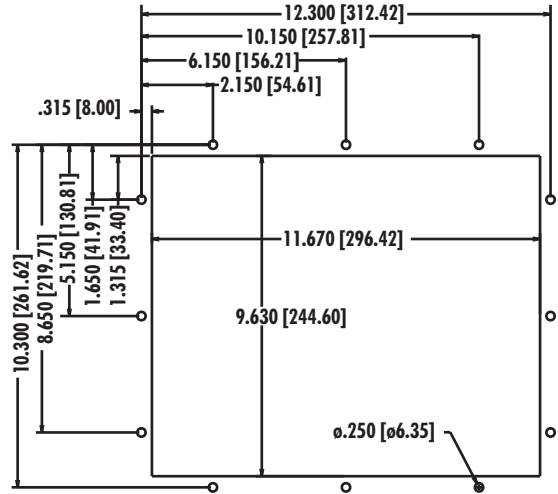
Model	3515T
Display	15" flat panel color display, 1024 x 768 (XGA)
Operator Input	Analog resistive touchscreen
Processor	Intel® Celeron, Pentium® III
Preloaded OS	MS-DOS®, Windows NT®, Windows® 95, 98, 2000
Ethernet	Option
Expansion	Three ISA, two PCI, and one shared ISA or PCI

PRODUCT AND MOUNTING DIMENSIONS

3510KP(T) Mounting



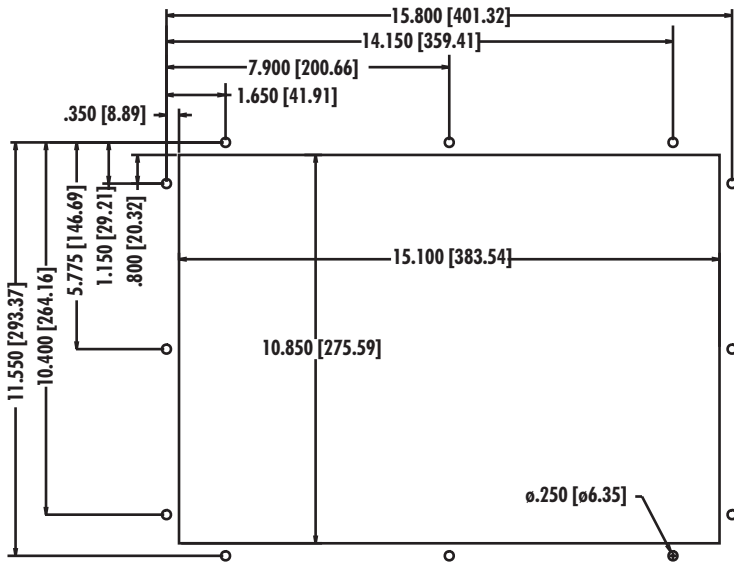
3510T Mounting



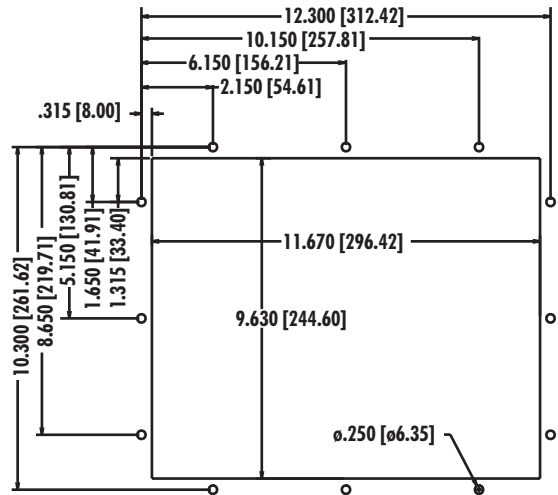
3510 Unit Dimensions

Model	3510KP(T)	3510T
Height	12.25" (311.5 mm)	11.00" (279.4 mm)
Width	16.50" (419.1 mm)	13.00" (330.2 mm)
Depth ¹	6.71" (170.4 mm)	6.51" (165.3 mm)
Mounting Depth ¹	5.71" (145.0 mm)	5.76" (146.3 mm)
Weight	16 lbs (7.2 kg)	16 lbs (7.2 kg)

3512KP(T) Mounting



3512T Mounting

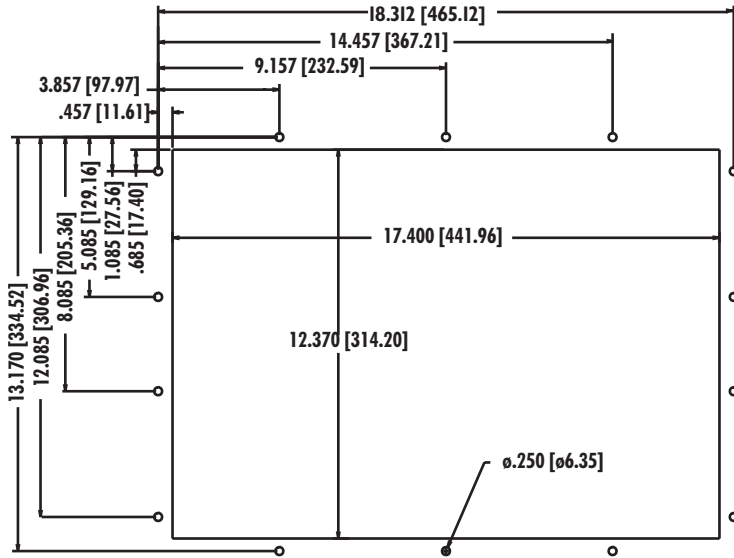


3512 Unit Dimensions

Model	3512KP(T)	3512T
Height	12.25" (311.5 mm)	11.00" (279.4 mm)
Width	16.50" (419.1 mm)	13.00" (330.2 mm)
Depth ¹	6.71" (170.4 mm)	6.51" (165.3 mm)
Mounting Depth ¹	5.71" (145.0 mm)	5.76" (146.3 mm)
Weight	16 lbs (7.2 kg)	16 lbs (7.2 kg)

***These 3500 units can also be mounted in an EIA standard 19" rack.**

3512KPM(T), 3515KPM(T), 3535KPM(T) Mounting*



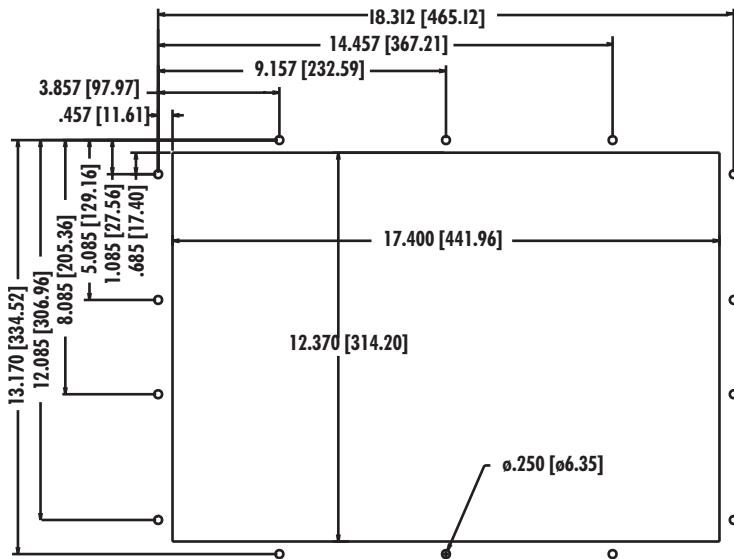
3512KPM(T), 3515KPM(T) Unit Dimensions

Model	3512KPM(T), 3515KPM(T)
Height	14.20" (360.7 mm)
Width	19.00" (482.6 mm)
Depth	10.0" (254 mm)
Mounting Depth	9.00" (228.6 mm)
Weight	42 lbs (18.9 kg)

3515(T) Unit Dimensions

Model	3515(T)
Height	14.20" (360.7 mm)
Width	19.00" (482.6 mm)
Depth	9.75" (247.7 mm)
Mounting Depth	9.00" (228.6 mm)
Weight	42 lbs (18.9 kg)

3515(T) and 3535(T) Mounting*



3535(T) Unit Dimensions

Model	3535(T)
Height	14.20" (360.7 mm)
Width	19.00" (482.6 mm)
Depth¹	6.64 (168.6 mm)
Mounting Depth¹	5.89" (149.6 mm)
Weight	25 lbs (11.3 kg)

3535KPM(T) Unit Dimensions

Model	3535KPM(T)
Height	14.20" (360.7 mm)
Width	19.00" (482.6 mm)
Depth¹	6.64" (168.6 mm)
Mounting Depth¹	5.89" (149.6 mm)
Weight	25 lbs (11.3 kg)

1 NOTE ON DEPTH & MOUNTING DEPTH: Add 1.4" (35.56 mm) for CD/floppy (CDF) option, and add .8" (20.32 mm) for floppy (F) option.

PRODUCT SPECIFICATIONS AND RATINGS

Environmental

	Operating	Nonoperating
Thermal	0C to 50C	-20C to 60C
Humidity	20% to 80% RH, noncondensing	20% to 80% 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	Sea level to 10,000 ft.	Sea level to 40,000 ft.

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

Electrical

	Units with 3-slot backplane and Intel processors	Units with 6-slot backplane
Power supply	80 Watt power	200 Watt power
AC power	115 to 230V AC, autoranging, 50-60 Hz, 3.0A (maximum)	115 to 230V AC, autoranging, 50-60 Hz, 6.3A (maximum)
DC power (option)	20 to 36V DC, 24V nominal, 10A (maximum)	19 to 30V DC, 24V nominal, 16.0A (maximum)
Available power^{bc}	+5V@1.54A +12V@1.82A -12V@.72A	+5V@10.6A +12V@4.88A -5V@.76A -12V@.46A

^bTotal not to exceed 36 watts for units with 3-slot backplane and Intel processors

^cTotal not to exceed 100 watts for units with 6-slot backplane

Front Panel

- NEMA 4/4X/12 IP65

Regulatory Compliance

CE

- EN 55022: Class A
- EN 50082-2
- EN 60950

FCC

- 47 CFR, Part 15, Class A

Safety Agency Approvals

UL

- UL 1950
- UL 1604

CUL

- CSA-C22.2, #950
- CSA-C22.2, #213

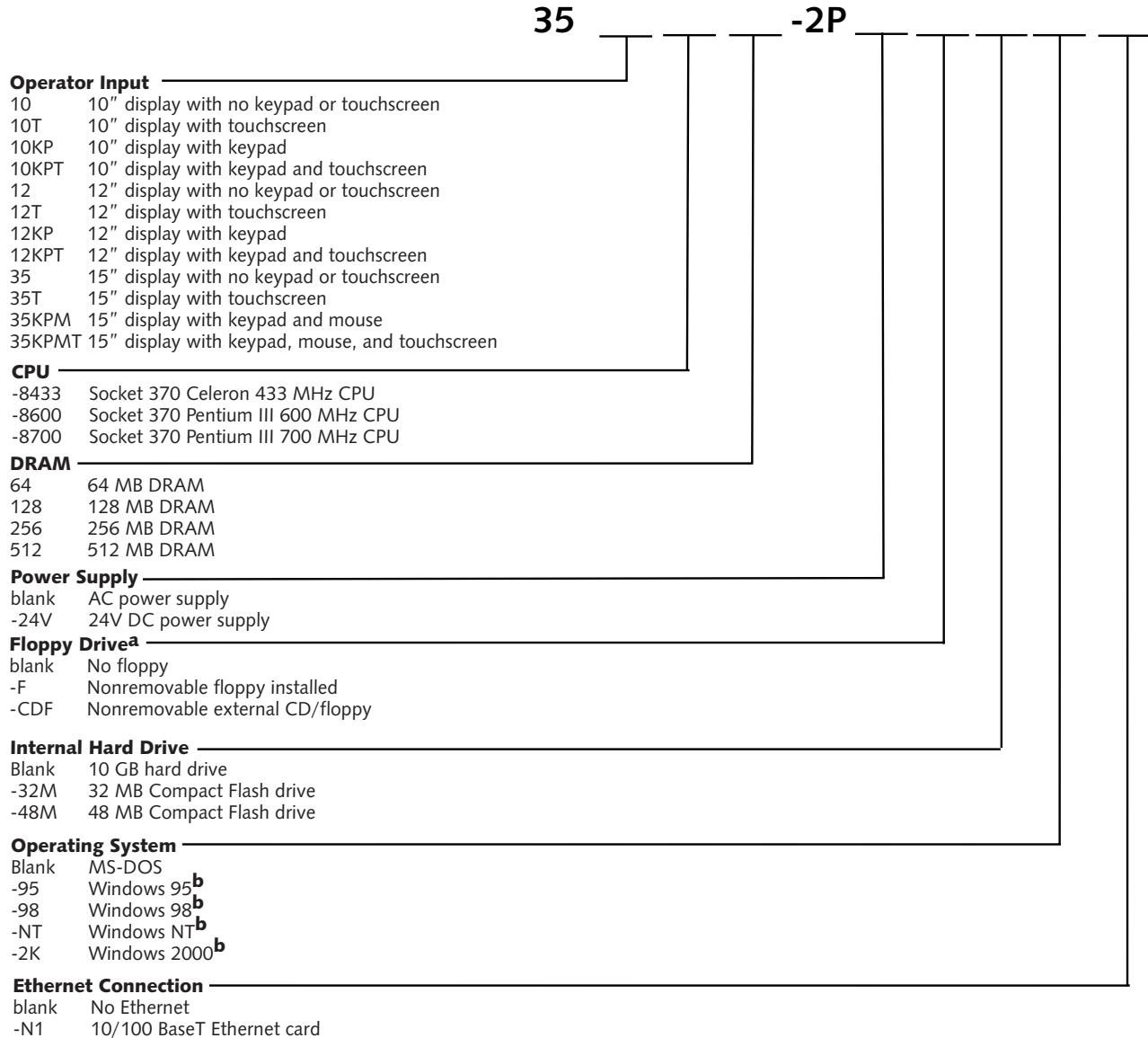
ORDERING INFORMATION

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

Example Order Number

Order Number	Description
3535KPM-860064-NT	3500 series industrial PC with 3-slot ISA/PCI backplane, 15.0" TFT color display, Socket 370 600 Mhz Pentium III, reprogrammable keypad, industrial mouse, 64 MB RAM, preloaded with Windows NT® operating system

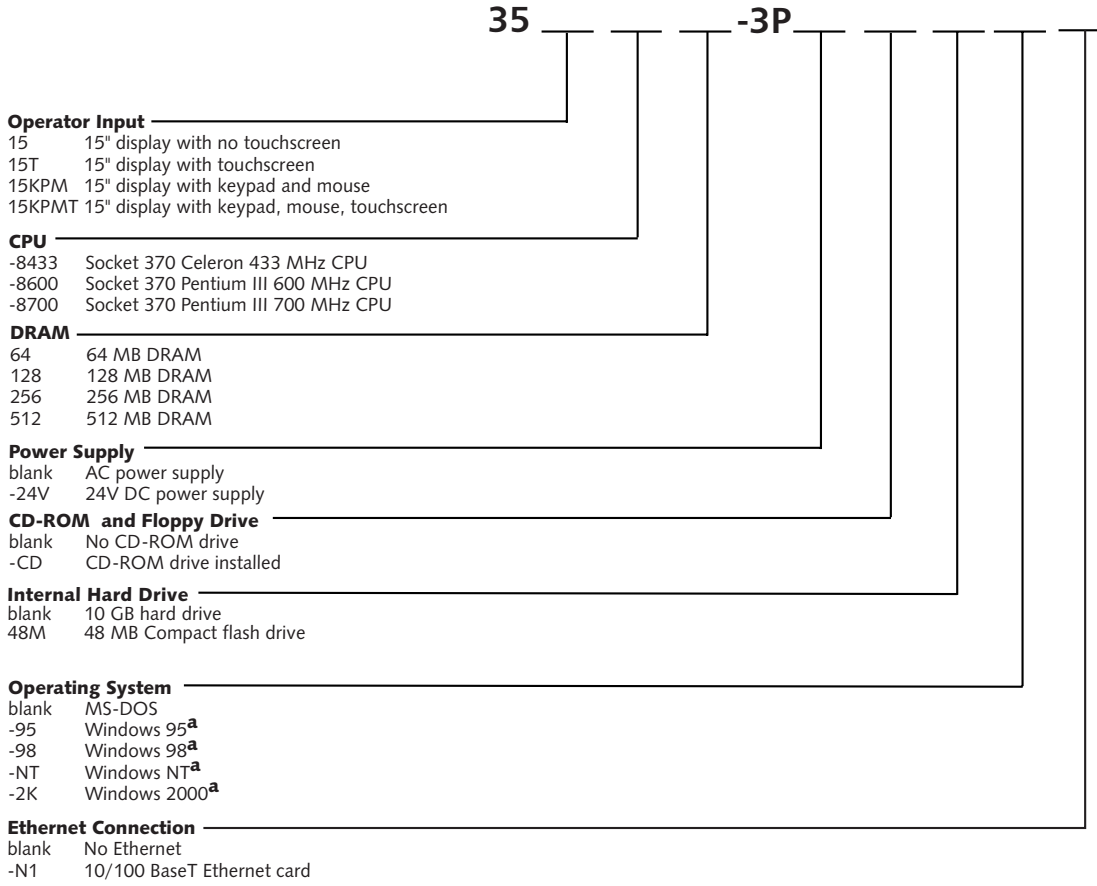
3-slot ISA/PCI Product Configurations



^aRemovable external floppy drive option sold separately (cannot use with -F or -CDF option installed)

^bRequires 10 GB hard drive

6-slot ISA/PCI Product Configurations



^aRequires 10 GB hard drive

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