

Xycom Automation, Inc. is a subsidiary of Pro-face America, Inc.

1401 Heavy Duty Industrial "Node" PC without Integrated Display

DS-1401000(B)



Xycom Automation's 1401 Industrial mini-PCs are designed to integrate sophisticated computing capabilities into your system without taking up a lot of room, money, or time. Providing a range of computing options in a rugged, low-profile enclosure for easy shelf- or wall-mounting, the 1401 is easily configured to run a wide variety of applications.

FEATURES

- Preloaded with MS-DOS® operating system; option to load Windows® NT, Windows® 2000, or Windows® CE
- PC/104 I/O expansion (up to two modules)
- 300 MHz AMD Geode GX1 CPU with PCI EIDE and video controllers
- Up to 256 MB of DRAM available (128 MB standard)
- 20 GB (minimum) IDE hard drive
- Optional 128 MB or 256 MB CompactFlash™ drives, or 3 GB solid state hard drive
- Built-in PCI 10/100 BaseT Ethernet
- Video and IDE hard drive controllers
- Two serial, one parallel, VGA, PS/2 keyboard, and mouse ports
- 1.44 MB floppy drive option
- Optional 24 VDC power supply
- UL listed for hazardous locations: Class I, Division 2, Groups A, B, C, D; Temp. Code: T4A
- Two USB ports (1.1 compliant)
- Externally-accessible CompactFlash site
- 2 year warranty

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 PC/104 expansion for application specific requirements.

Connectivity

A built-in 10/100 BaseT Ethernet allows you to connect the 1401 to a network at startup with little effort.

Drive Options

The IDE hard drive on 1401 systems loaded with MS-DOS® can be replaced with a CompactFlash drive (128 MB or 256 MB) for applications that do not permit the use of rotating media. The hard drive on 1401 IPCs with all operating systems loaded may also be changed to a 3 GB solid state hard drive.

Windows NT, Windows 2000, or Windows CE

All 1401 systems may be ordered with Windows NT, Windows 2000, or Windows CE OS. Unless otherwise specified, all 1401s are shipped preloaded with MS-DOS®.

Meets High Standards

To survive the plant floor, our 1401 industrial mini-PCs meet FCC, UL, cUL, 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.

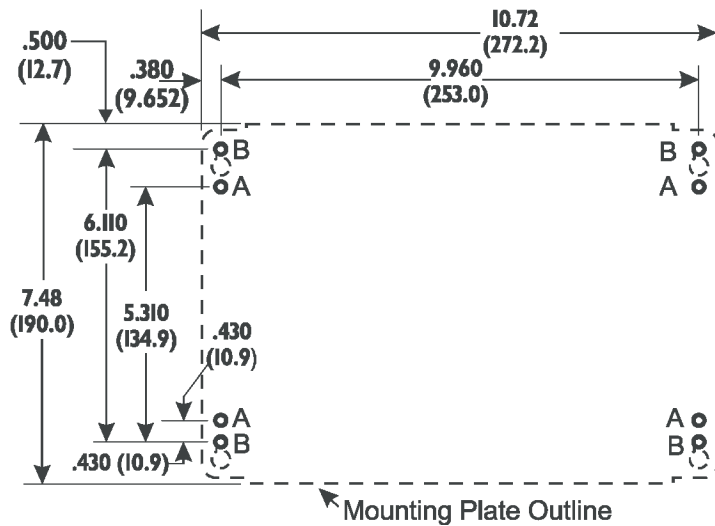
24 Volt DC Power Supply

1401 systems may be ordered configured with 24 Volt DC power supply.



PRODUCT AND MOUNTING DIMENSIONS

1401 Mounting



1401 Unit Dimensions

Model	1401
Height	7.6" (193.0 mm)
Width	10.7" (271.8 mm)
Depth	3.6" (91.4 mm)
Weight	7.5 lbs. (3.4 kg)

PRODUCT SPECIFICATIONS AND RATINGS

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C	-20°C to 60°C
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 5-2000 Hz ^a	0.006" peak to peak displacement 1.0g maximum acceleration	0.015" peak to peak displacement 2.5g maximum acceleration

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

Electrical

Power Supply	40 Watt power
AC power	100-240 V AC, auto-ranging, 50-60 Hz, 1A (maximum), 22 W nominal ^b
24V DC power (option)	18 - 30 V DC, 24V nominal, 3.6A (maximum), 22 W nominal ^b
Available Expansion power	+5V@2A +12V@1A -12V@0.4A

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

Regulatory Compliance

- CE
- EN 55022
- EN 61000-6-2
- EN 61000-3-2, Class A
- EN 61000-3-3
- IEC 60950-1

FCC

- 47 CFR, Part 15, Class A
- ICES-003, Class A

Safety Agency Approvals:

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

^a Class I Division 2, Groups A, B, C, D; Temp. Code: T4A

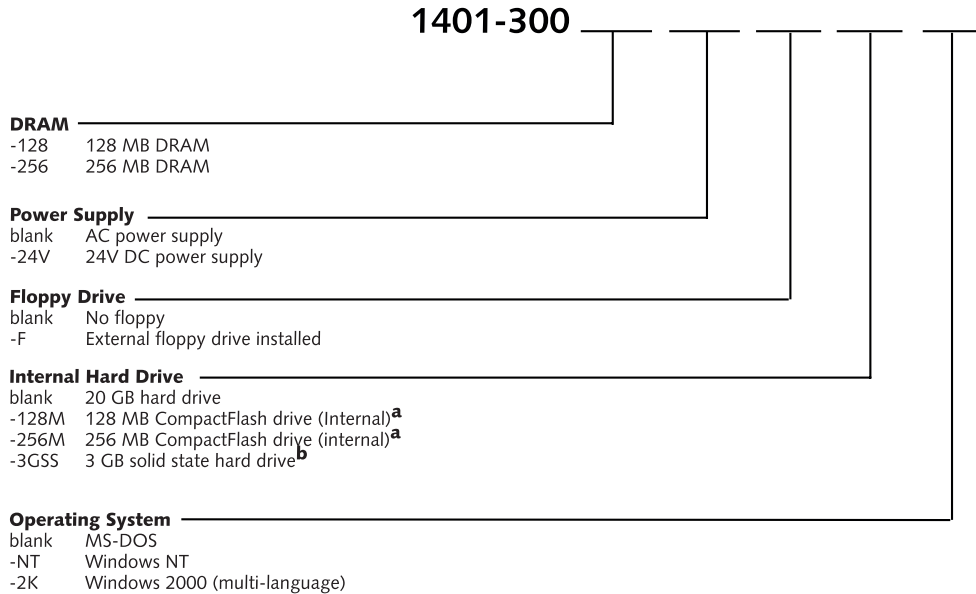


ORDERING INFORMATION

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

1401 Standard IPC Configuration

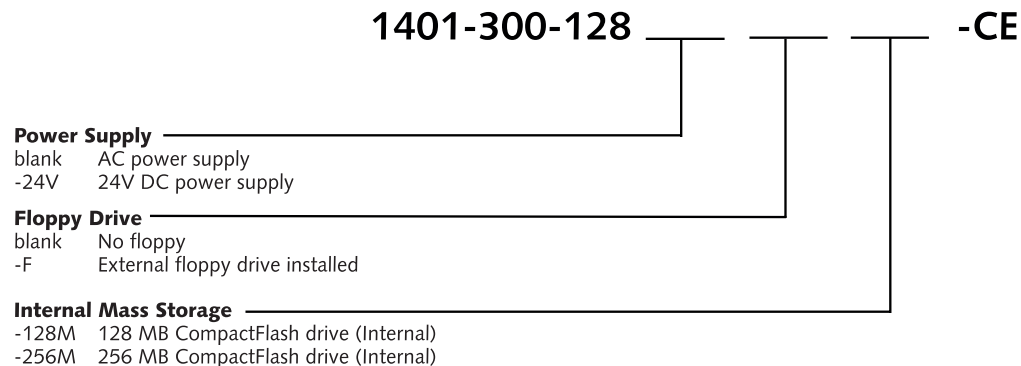
Order Number	Description
1401-300-128	1401 heavy-duty industrial node PC with a 5x86 AMD Geode GX1 CPU, 128 MB DRAM, 20.0 GB (minimum) hard drive, and MS-DOS operating system



^aAvailable for MS-DOS only ^bNot recommended when applications are storing data

1401 Windows CE-Based IPC Configuration

Order Number	Description
1401-300-128-128M-CE	1401 heavy-duty industrial node PC with a 5x86 AMD Geode GX1 CPU, 128 MB DRAM, 128 MB CompactFlash™, and Windows CE 4.2 operating system



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