

1341 Fanless, Diskless Industrial "Node" PC without Integrated Display

DS-134100(A)



Xycom Automation's newest industrial PC is designed for the harsh environments required for plant floor use. This 1341 addresses the growing concern for reliability of rotating hard drives in these environments. Utilizing solid state media to store the operating system and your application, higher levels of reliability are easily obtained. In addition there are no system fans to hinder cooling when air flow is restricted by dust and debris, often found in factory environments.

Higher Performance, Lower Power

The 1341 utilizes an Intel mobile Celeron M processor while utilizing nearly half the wattage of many Pentium 4 class PCs. The Celeron M 1.3 GHz with 512 K Cache running at 400 MHz system bus provides enough processing power for many simple factory automation applications. The custom designed housing, which acts as a heatsink, coupled with the lower power usage allows the 1341 to operate in environments up to 50°C without the need for a system fan or additional cooling devices.

Full Featured in a Compact Package

The 1341 offers 4 RS-232 serial ports, 4 USB 2.0 compliant ports,

- 10/100 Ethernet, parallel, video,
- PS/2 mouse and keyboard ports,
- and an audio port. Even more options
- are available with the half-length PCI
- expansion slot and the two PCMCIA
- card slots. There also is a
- CompactFlash™ Type I/II slot that is
- utilized for the system memory to
- store the operating system and
- application(s). All this is accom-
- plished in a compact package that is
- about the size of a standard package
- of printer paper.

Superior Video Performance

- The on-board 4X AGP graphics
- controller defaults to 4 MB system
- RAM to allow resolutions up to
- 1280 x 1024. In addition the 1341
- automatically shares up to 32 MB
- system RAM to allow full 32-bit color
- depth and 3D rendering.

FEATURES

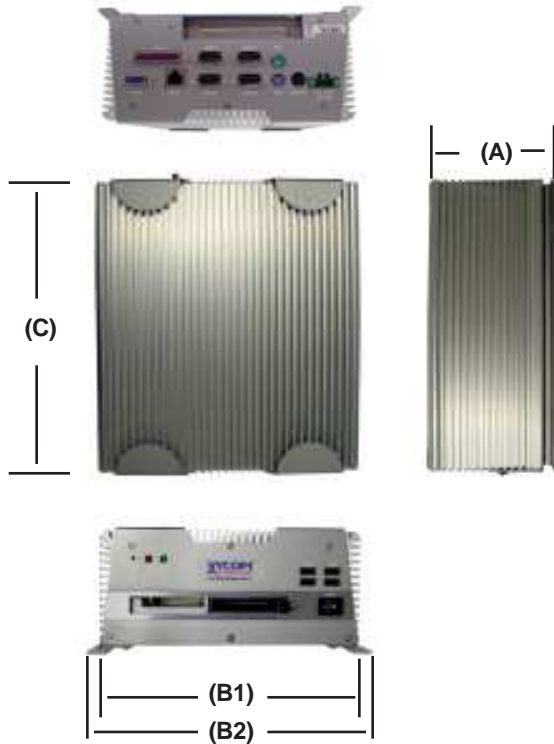
- Intel® Celeron® M 1.3 GHz, 512K cache, 400 MHz system bus
- 4X AGP video controller with up to 32 MB video memory (shared with system memory)
- 512 MB DRAM
- 4 GB CompactFlash™
- 10/100 Base-T Ethernet port
- 4 USB 2.0 compliant ports
- Audio port
- 4 RS-232 Serial ports
- Video port
- Parallel port
- PS/2 mouse and keyboard ports
- 2 externally accessible PCMCIA ports
- One half-length PCI expansion slot
- 9-30 Volt regulated DC input (AC power supply sold separately)
- UL, cUL and CE approvals
- Preloaded with Windows® XP Professional (Windows 2000 Professional optional)
- 2-year warranty included

Meets High Standards

- To survive on the plant floor the 1341
- meets FCC, UL, cUL and European
- CE mark requirements for industrial
- automation equipment. Xycom
- Automation's Industrial PCs lead
- the industry in reliability, service,
- and support with an optional five year
- warranty available.



PRODUCT DIMENSIONS AND CONFIGURATIONS



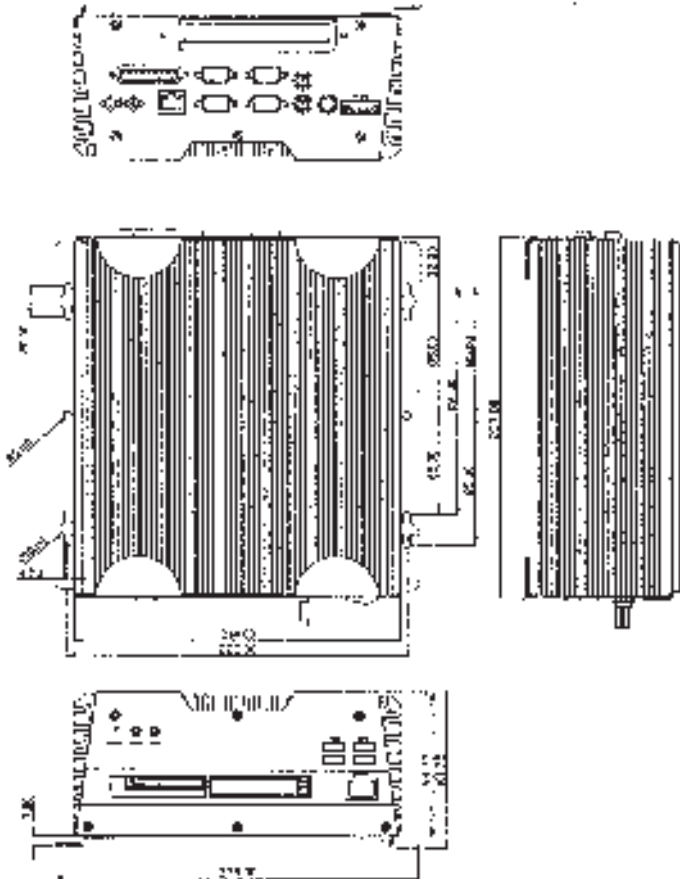
1341 Unit Dimensions

Model	1341
Height (A)	4.10" (104.14 mm)
Width (B1)	8.42" (214.0 mm)
Width (B2)	9.40" (239.0 mm)
Length (C)	9.50" (241.3 mm)
Weight	12.5" (5.7kg)

1341 Unit Configurations

Model	1341
Processors	Intel® Celeron® M 1.3 GHz
Preloaded OS	Windows XP Professional or Windows 2000 Professional
Expansion	One half-length PCI expansion slot

PRODUCT MOUNTING DIMENSIONS



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	.006" peak to peak displacement	.015" peak to peak displacement
5-2000 Hz	1.0g maximum acceleration	2.5g maximum acceleration

Electrical

Internal Power Supply	9-30 VDC (Regulated Input), 4.0 Amp, 30 Watts nominal power [†] (33 Watts nominal power when powered by optional external AC power supply (1341-PWR)) [†]
Optional External AC Power Supply	(1341-PWR) 100-240 VAC, 0.4 Amps, 50-60 Hz

[†] Nominal power is measured for a base configuration only. Any additional expansion and/or devices will increase the input power required.

Compliance

Regulatory Compliance

CE

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

FCC

- 47 CFR, Part 15, Class A

Safety Agency Approvals

UL

- UL 508 Listed

CUL

- CSA-C22.2, #142 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
1341-1300-512-4GB-XP	1341 Industrial "Node" PC with Intel® Celeron® M 1.3 GHz, 512K cache, 400 MHz system bus, 4 GB CompactFlash, Preloaded with Windows® XP Professional (Windows 2000 Professional optional)

1341 - 1300 - 512 -

Storage Media

4GB 4 GB CompactFlash

Operating System

-XP Windows XP Professional
-2K Windows 2000 Professional

1341 Accessories

1341-PWR 100-240 Volt AC, 50-60Hz, 0.4 Amp input, regulated 12 VDC output power supply for use with the 1341
(Connector for direct connection to the 1341 included)

Warranty Information

The 1341 series carries a two-year parts & labor warranty.

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).

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