



1600 Industrial Rack Mount PCs

FEATURES

- Rack mount 4U height
- Choice of backplanes with up to 7 PCI available expansion slots
- Intel® Socket 370 Celeron® (128 K cache) or Pentium® III processors (256 K cache) up to 850 MHz
- Up to 512 MB SDRAM
- AGP graphics controller with 4 MB video RAM
- PCI IDE Controller
- Built-in 10/100 BaseT Ethernet port
- Parallel, video, combined PS/2 mouse and keyboard, and two RS-232 ports on rear
- Lockable front door panel for preventing unwanted access
- PS/2 keyboard and mouse connectors behind the lockable front door
- Front accessible 1.44 MB floppy or LS-120 drive
- Three 5.25" front accessible drive bays
- Internal hard drive up to 40 GB
- Preloaded with MS-DOS, Windows® 95, Windows® 98, Windows NT®, or Windows® 2000
- Power-on switch with power indicator and reset switch behind the lockable door, also includes HDD LED indicator(s)
- 82 CFM cooling fan that dissipates heat in the chassis with replaceable and easy-to-clean air filters in the front door to protect drives, connectors, and internal components from excessive dust
- Hold-down clamp for protecting add-on cards against vibration

DS-160000(E)

With heavy-duty steel construction, Xycom Automation's 1600 industrial rack mount PCs are available in a range of systems that are tough enough for plant floor use. The 1600s bring maximum flexibility, serviceability, and reliability, along with powerful features and rugged packaging, to the factory floor.

Higher Performance

The Xycom 1600 Industrial PCs offer up to Pentium® III 850 MHz processors to accommodate the most demanding applications for today's industry standards.

Flexible Architecture

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. Storage options include CD-ROM, writable CD-ROM, ZIP, tape, removable hard, floppy, and LS-120 drives. Your choice of available expansion options are 8 ISA/4 PCI, 5 ISA/7 PCI, 7 ISA/ 4 PCI. See table on page 3 for summary of options.

Network Connectivity

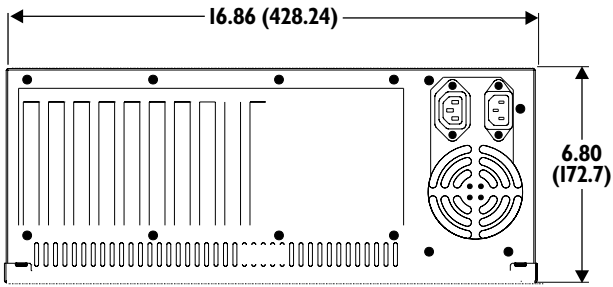
The 1600's built-in 10/100 BaseT Ethernet port makes it easy to connect to enterprise-wide networks.

Power Supply Options

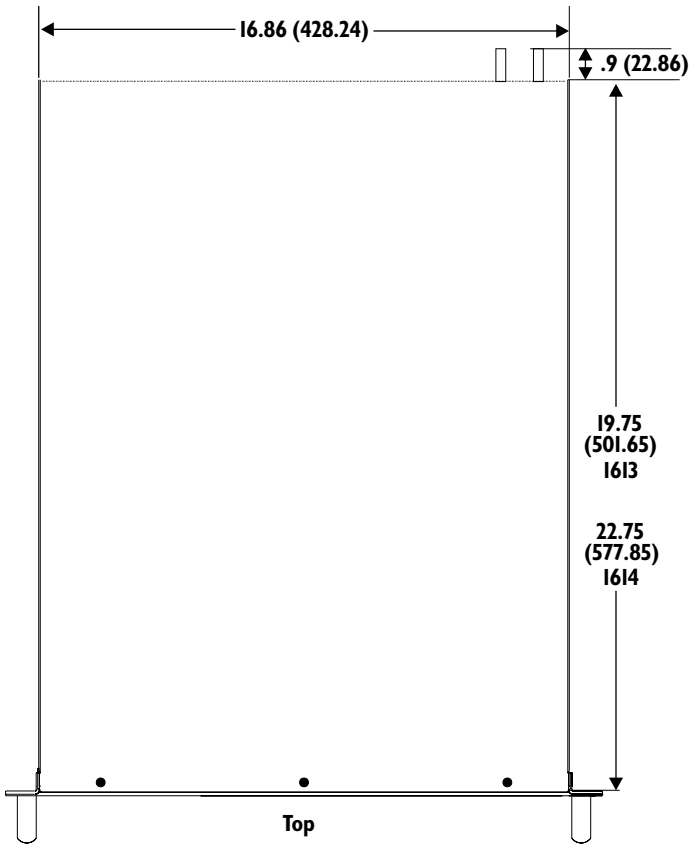
1600 systems can be configured with a standard 300 watt AC, dual redundant 300 watt AC, or -48 volt DC power supply.

XYCOM
AUTOMATION
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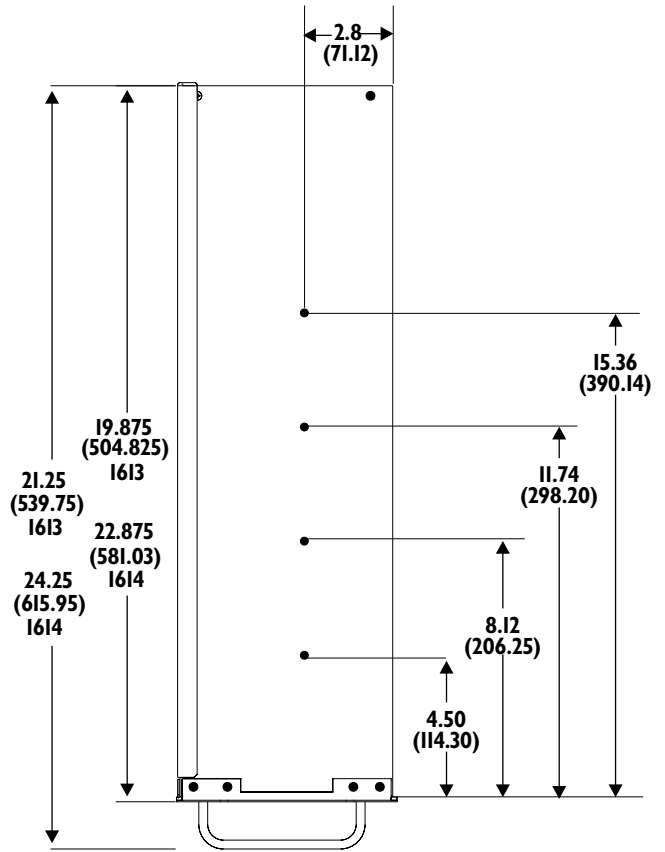
PRODUCT MOUNTING AND DIMENSIONS



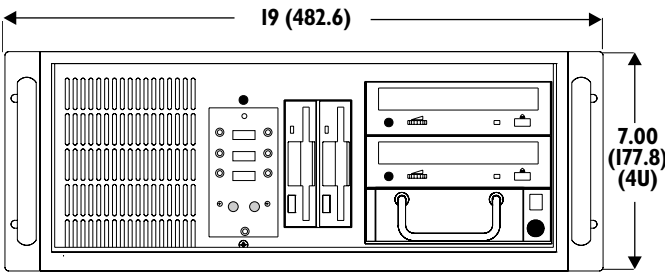
Rear



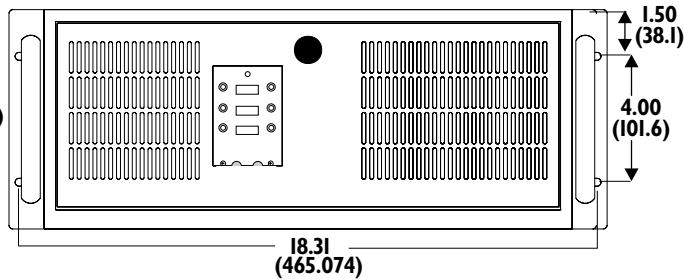
Top



Side



Front



Front with door closed

All dimensions are in inches (mm)

Optional slide rail and wall or shelf mounting kits available.

PRODUCT SPECIFICATIONS AND RATINGS

Environmental

	Operating	Nonoperating
Temperature	0C to 50C	-20C to 60C
Humidity	20% to 80% RH, noncondensing	5% to 90% RH, noncondensing
Shock ^a	2g peak acceleration, 11 msec duration	7.5g peak acceleration, 11 msec duration
Vibration 5 to 2000 Hz	.5 g acceleration	0.081" peak to peak displacement 2g maximum acceleration
Altitude	Sea level to 15,000 ft.	Sea level to 50,000 ft.

^aMounted by the flange only (not rail mounted).

Cooling fan capacity^b

82 CFM with dust filters

^bDoes not include power supply fans

Electrical

Power supply	300 W AC	2 x 300 W AC Redundant	-48 V DC
Rated input	115/230V AC, autoranging, 50-60 Hz, 7.0A (maximum) @ 115V, 3.0A (maximum) @ 230V	115/230V AC, autoranging, 50-60 Hz, 7.0A (maximum) @ 115V, 3.0A (maximum) @ 230V	DC -48V@1.7A

Unit Weight

48.2 lbs (23 kg)

Regulatory Compliance

CE

- EN 55022
- EN 50082-2
- EN 60950

FCC

- 47 CFR, Part 15, Class A

Safety Agency Approvals

UL

- UL 1950

CUL

- CSA-C22.2, #950

Available Expansion

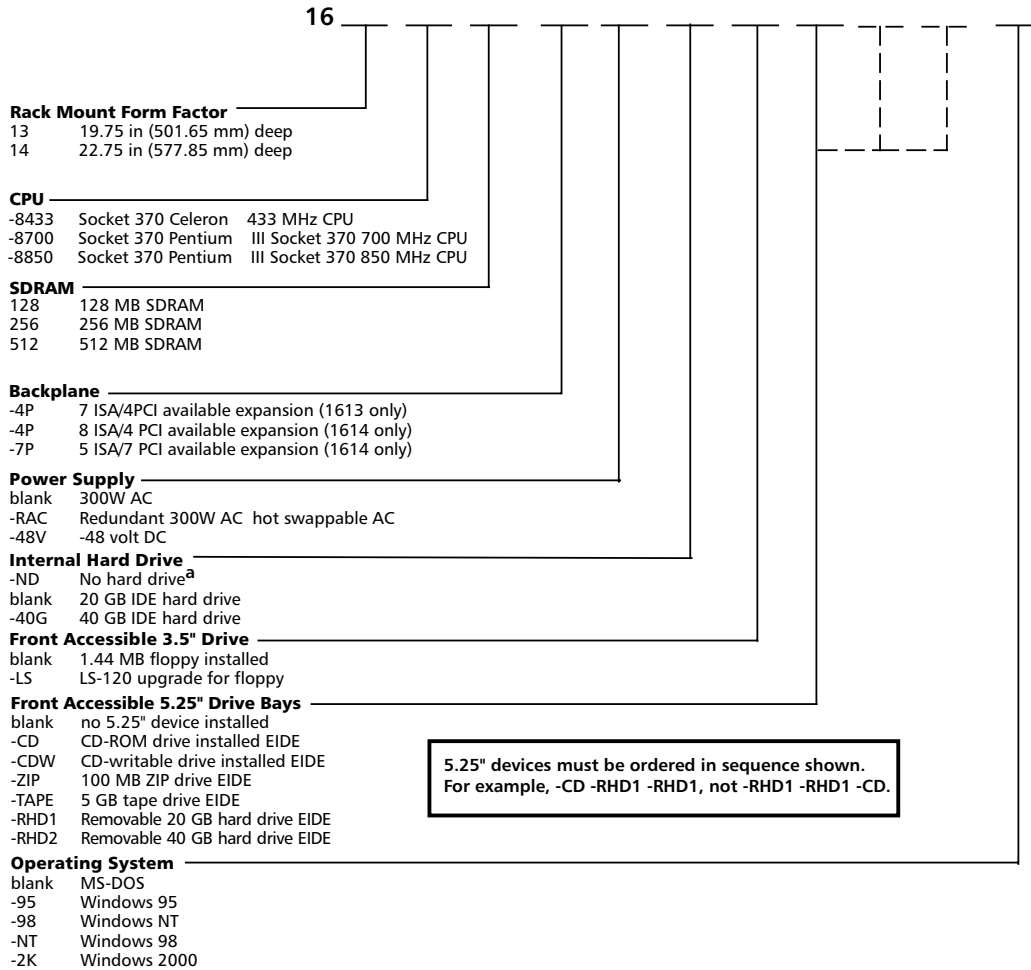
Model	Backplane Option	Available ISA Expansion Slots			Available PCI Expansion Slots			Total Available Slots
		Full-length	3/4-length	1/2-length	Full-length	3/4-length	1/2-length	
1613	4P	1	3	3	4	0	0	11
1614	4P	8	0	0	0	4	0	12
1614	7P	5	0	0	1	5	1	12

ORDERING INFORMATION

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

Example Order Number

Order Number	Description
1613-8433128-4P	1613 or 1614 series industrial rack mount PC with 433 MHz Intel Socket 370 Celeron processor, 128K Cache, 66 MHz System Bus, 128 MB SDRAM, 7or 8 ISA/4 PCI available expansion passive backplane, 300W AC power supply, 1.44 MB floppy drive, 20 GB internal hard drive, preloaded with MS-DOS, and AGP video controller with 4 MB video RAM
1614-8433128-4P	



^a Must select at least one EIDE drive option.

^b Only two available when both LS-120 and internal hard drive option selected. Otherwise, three available. •

Accessories

Order Number	Description
1600-RMS	Rack mount slide rail kit. Sold separately.
1600-WMB	Wall or shelf mount bracket. Sold separately.

The 1600 Industrial PC carries a one-year warranty on parts and labor. Extended warranties are available.

Xycom Automation, Inc.
734-429-4971 • Fax: 734-429-1010
<http://www.xycom.com>

