

1507 Heavy-Duty Industrial PC without Integrated Display

DS-140413(D)



Ycom Automation's newest generation of industrial PCs is designed and tested for the tough environments required for plant floor use. Our standard PC configurations meet the strict specifications required for 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 over 200,000 systems, our industrial PC products are successfully applied in manufacturing and process environments world-wide.

Superior Video Performance

The on-board AGP graphics controller defaults to 4 MB system RAM which allows full color resolution up to 1280 x 1024 resolution. In addition, the 1507 will automatically share up to 32 MB system RAM to allow full 32-bit color depth and fast 3D rendering and graphics performance.

Higher Performance

With up to 1.26GHz Pentium III processors available, the 1507 can drive the most demanding applications. The 1507 ships standard with a 1 GHz Socket 370 Pentium III with 256K cache running at 133 MHz bus.

Optional 1.26GHz with 512K cache, both running at 133 MHz bus is an available option.

Fits Your Needs

The 1507 can be configured many different ways. With four available expansion slots – three full-length (1 PCI, 1 ISA, and 1 either ISA or PCI), and one ½-length PCI, many cost effective, industry standard options are easily integrated. The optional removable dual hard drive, stolid state drive, or externally accessible CompactFlash provide the storage solution you require. Additionally the CD-ROM can be upgraded to a CD-R/W/DVD-Read, DVD, or DVD-R/W, so that even more storage and/or

- ### FEATURES
- AGP graphics with base 4 MB system RAM
 - ◆ Automatically shares up to 32 MB with system RAM
 - Intel® Pentium® III options up to 1.26GHz
 - Up to 512 MB DRAM (256 MB standard)
 - 10/100 BaseT Ethernet port
 - Parallel , RS-232 and RS-232 or RS485, PS/2 keyboard and mouse ports
 - USB ports (1.1 compliant)
 - Four available expansion slots:
 - ◆ Three full-length (1 PCI, 1 ISA, and 1 either ISA or PCI)
 - ◆ One ½-length PCI
 - DOC 2000 socket
 - Floppy drive and CD-ROM drive (with CD-R/W/DVD-Read or DVD-R/W upgrade options)
 - Easily removable 40 GB hard drive
 - Secondary IDE Drive options (choice of one):
 - ◆ Easily removable 2.5" dual hard drives
 - ◆ Externally accessible CompactFlash™ options up to 512MB
 - UL Listed for hazardous locations: Class I Division 2, Groups A, B, C, D (not available with CDW or DVD drive options); Temp. Code T4A
 - Pre-loaded with MS-DOS®, Windows® NT, Windows® 2000 (with multi-language support for 2000 only), or Windows® XP.
 - 100-240 V AC power supply
 - 24 V DC power supply option
 - 2-year warranty

- backup options are available.
- **Meets High Standards**
- To survive on the plant floor, the 1507 meets FCC, UL, cUL, and European CE mark requirements for industrial automation equipment. Ycom Automation leads the industry in reliability, service, and support with an optional five year warranty available.



SERVICEABILITY

With the cover removed expansion cards are easily installed in the 1507 without cumbersome cables to contend with.



MOUNTING OPTIONS



Vertical Mounting



Horizontal Mounting

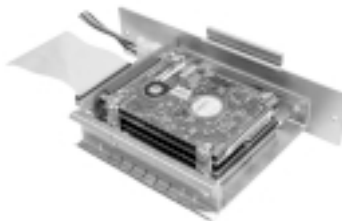
EASILY REPLACEABLE HARD DRIVE



The 1507 has incorporated an easy access hard drive mount. Simply unscrew 2 captive screws and extract the hard drive. Remove the metal bracket and retention spring, attach it to the new hard drive and install your replacement.

SECONDARY DRIVE OPTIONS

The 1507 has several options for the secondary IDE port on the CPU. The hard drive can be replaced with a dual hard drive unit. If solid state storage media is desired, then an externally accessible Type I or Type II CompactFlash™ option is available. Internal Solid State Drives are also available.



Dual 2.5" Hard Drives

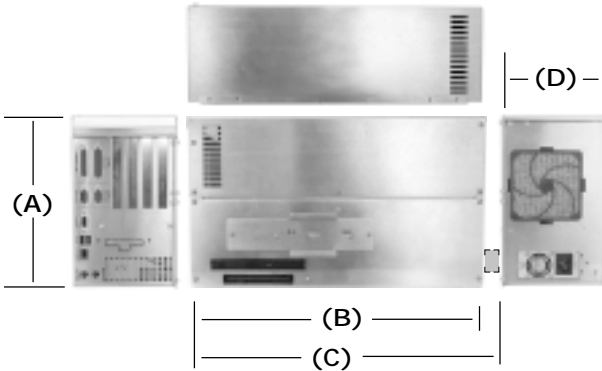


Externally Accessible CompactFlash™

PRODUCT MOUNTING AND DIMENSIONS

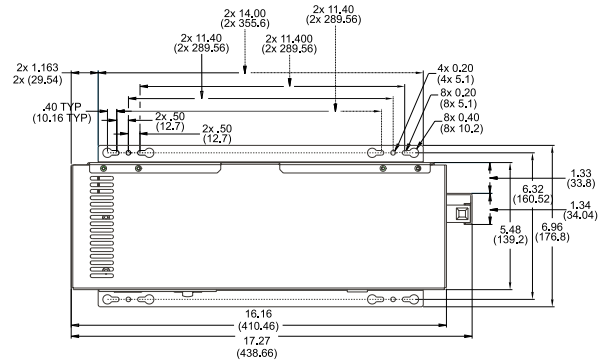
1507 Unit Dimensions

Model	1507
Processors	Intel® Celeron, Pentium® III
Preloaded OS	MS-DOS®, Windows NT®, Windows® 2000, XP
Expansion	One ISA, two PCI, one shared (ISA or PCI)

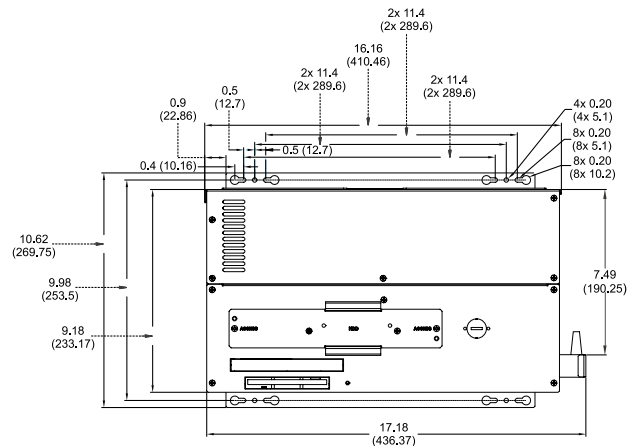


Model	1507
Height (A)	9.18" (233.17 mm)
Width (B)	16.16" (410.46 mm)
Width (C)	17.18" (436.37 mm)
Depth (D)	5.48" (139.2 mm)
Weight	18 lbs (8.2 kg)

Vertical Mounting



Horizontal Mounting



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 ^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	200 Watt AC
AC Power	100-240 V AC, switchable, 50/60 Hz, 5.0 Amp (maximum), 95 W nominal ^c
DC Power	+19 - +30 V DC, 4.4A +/- 10%, 100 W nominal ^c
Available Expansion Power	+3.3 V@10A +5V@12A +12V@4.9A -12V@0.5A -5V@0.2A

Note: Combined 3.3V & 5.0V power shall not exceed 66 Watts

^c 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 508 Listed
- UL 1604 Listed ^{d,e}
- CSA-C22.2, #142 Listed
- CSA-C22.2, #213 Listed ^{d,e}

^d Class I Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G; Temp. Code: T4A

^e CDW & DVD Drives are not supported for hazardous locations.

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
1507-1000-256-CDF-2K	1507 Industrial "Node" PC, Socket 370 Intel® Pentium III 1 GHz CPU (256K Cache, 133 MHz bus), 256 MB DRAM, 40 GB minimum Hard Drive, Rear Access CD-ROM and Floppy, Windows 2000, On-board 10/100 BaseT Ethernet and USB, three full-length expansion slots (1 PCI, 1 ISA, and 1 ISA or PCI) and one 1/2-length PCI expansion slot.

1507 -

CPU

1000 Pentium III 1.0 Ghz, 256k Cache, 133 MHz Bus
1260 Pentium III 1.26 GHz, 512k Cache, 133 MHz Bus

DRAM

-256 256 MB DRAM
-512 512 MB DRAM

Power Supply

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

Internal Hard Drive

Blank Internal 3.5" 40 GB minimum EIDE hard drive
-80G 80 GB internal EIDE hard drive
-ND No internal hard drive^a
-DHD Dual 2.5" 10 GB minimum hard drives
-4GSS 4 GB solid state hard drive^b

Rotating Media Devices

-F Rear Access Floppy only
-CDF Rear Access Floppy and CD-ROM
-CDWDVDF Rear Access Floppy, CD-R/W, with DVD read-only^{c f g}
-DVDWF Rear Access Floppy and Read/Write DVD-ROM Drive^{c f g}

Externally Accessible IDE^d

blank Nothing Installed
-CF Externally Accessible Type I/II CompactFlash site
-128CF Externally Accessible Type I/II CompactFlash site w/128 MB
-256CF Externally Accessible Type I/II CompactFlash site w/256 MB
-512CF Externally Accessible Type I/II CompactFlash site w/512 MB

Operating System

-DOS MS-DOS
-NT Windows NT^{e g}
-2K Windows 2000 (multi-language)^e
-XP Pre-Activated Windows XP^e

^a 128CF, 256CF, or 512CF (with DOS) option must be chosen when selecting the -ND option ^bNot recommended when applications are storing data ^cWhen ordering -CDWF, -DVDF, -DVDWF options with MS-DOS, drivers will not be loaded and devices will not function properly (requires Windows). ^dExternally accessible options are not available when choosing -DHD option. ^eWindows operating systems are only available when Internal Hard Drive or -DHD options are chosen. ^fHazardous locations approvals do not apply when configured with a DVD or DVD-R/W drive option. ^gCDW, DVD, and DVDW options not available with Windows NT.

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).

Warranty Information

The 1507 series carries a two-year parts & labor warranty.

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

Customer Support Hotline:
734-944-0482



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