

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

OpenHMI™ WW Operator Interface Products

DS-350055(K)



FEATURES

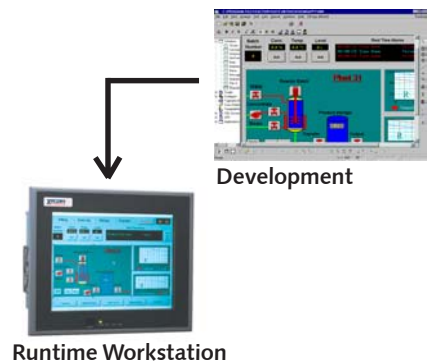
- Microsoft® Windows®-based development and runtime software
- 8.4" to 15" color flat panel display
- Operator input through a combination of integrated touchscreen, keypad, and/or mouse
- Built-in 10Base-T/100Base-TX Ethernet
- A wide range of drivers and I/O servers for the most popular control devices
- Optional industrial communication network interface
- Intel® Celeron™ or Pentium® III CPU up to up to 1.26 GHz
- PC/104 expansion (3300 series only); ISA and/or PCI expansion (3600 series, 3700 series; 31xxTs)
- Graphic operator instruments
- Alarming
- Real-Time Trending
- Recipes
- OPC client support (optional)
- NEMA 4/4X/12 front panel
- UL listed for Hazardous Locations: Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G

Xycom Automation revolutionizes the operator interface market by offering out-of-the-box, preconfigured, pretested solutions. OpenHMI™ WW operator interface products combine the best industrial PCs with a full-featured Human-Machine Interface (HMI) software package that can be used for applications ranging from simple operator input device replacement to supervisory control and data acquisition (SCADA) applications.

Now OEMs, systems integrators, and end-users can reduce the development time and costs of high-end operator interface solutions with an integrated solution.

OpenHMI WW software is powered by Wonderware® and consists of two components: the OpenHMI WW development software (OpenHMI WW Configurator) and the OpenHMI WW runtime workstation. The user develops the HMI application on a desktop, laptop, or industrial PC with the OpenHMI WW Configurator, and then transfers the completed application to the OpenHMI WW runtime workstation. The OpenHMI WW runtime software is preloaded on

- the OpenHMI WW runtime workstation.
- Xycom Automation offers four runtime workstation variations. There are two OS options, Windows® 2000 and Windows® SP, and two different tag limits: 500 tags and 1000 tags. OpenHMI WW workstations are available with 8.4", 10.4", 12.1", and 15" LCD displays. NEMA sealed front panel options include keypad, touchscreen, integrated industrial mouse, and combinations of these features.



OPENHMI WW HMI BENEFITS

Get Exactly What You Need

OpenHMI WW Industrial PCs offer a scalable hardware and software solution. From the operating system to the display size and expansion options, you can select a cost-effective Industrial PC scaled to application specific requirements.

Get Started Quickly

Configuration wizards, convenient tools, and preloaded software make OpenHMI applications easy to build and the Industrial PC is practically ready to run right out of the box.

Reuse Your Application

Graphic panels and scripting developed for an application for one plant floor network will run on Industrial PCs connected to many different networks. You aren't limited to a single proprietary network.

Depend on It

Xycom Automation leads the industry in reliability, service, and support with an optional five year warranty unmatched in the industry.

MORE WITH OPENHMI WW

OpenHMI WW industrial PC runtime workstations include all the features of a basic operator interface, plus more advanced functionality not found in competitive products.

Most Other Operator Interfaces

- Create panels with proprietary software
- Connect to a single PLC network and one serial printer
- Character-based graphic and text displays
- Limited hardware options

Our OpenHMI WW Runtime Interface

- Powered by industrial HMI software
- Connect to different PLCs and industrial networks
- Communicate with Ethernet-connected databases, networks, and devices
- Fully animated, high-resolution graphics
- Full range of display, expansion, and operator input options

Talk to Anything, Anywhere

The broadest support for industrial networks allows simultaneous connections to nearly any set of devices. Through Microsoft and other enabling technologies, you can communicate with Ethernet connected products and databases. Exchange plant floor data with office applications and see what's happening from the plant floor to corporate headquarters.

Leave Your Options Open

You can add functionality to your HMI application through standard PC technologies. OpenHMI Industrial PCs make it easy for end users and vendors to use off-the-shelf hardware and software, including programming tools, for application specific requirements.

Outstanding Value

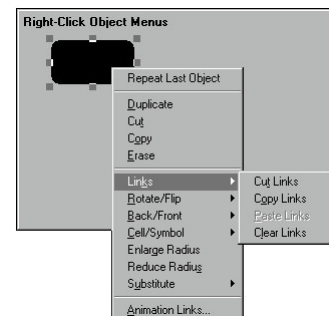
Wonderware HMI software is one of the most widely used open architecture HM/SCADA software packages, with a proven track record worldwide. OpenHMI WW brings most of that functionality to you at an incredible price. The features it cannot support include Quick Functions, Historical Trending and Logging, Indirect

Addressing, Alarm Logging, Remote Referencing, Supertags, SQL, SPC, and Local Variables in Scripts.

OPENHMI WW HMI CAPABILITIES AND FEATURES

Graphic Interface and Object Oriented Database

- Windows interface, including toolbars, fill-in-the-blank dialogs, pull-down menus
- Wizards to add predefined instruments, symbols, and other graphics
- Graphic operator instruments, including pushbuttons, meters, sliders, switches, text and numeric displays, LED-style indicators
- Fully animated, high-resolution graphics
- Multiple displays on one workstation
- Applications developed in one screen resolution can be converted to another
- Application Explorer



Open Architecture and Industry Standards

- Microsoft DDE communication to any Windows application that also supports DDE
- Can add third-party ActiveX controls
- Can import graphics in PC file formats
- Connect to other applications and networks

Trending

- Real-time trending

Alarms

- Alarm monitoring and reporting

Recipes

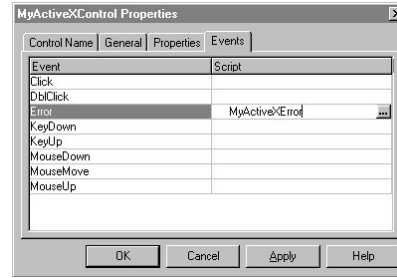
- Recipe management to establish setpoints

Scripting

- Over 100 different functions
- Application, Window, Key, Condition, Data Change, Action Pushbutton, and ActiveX Event Scripts
- Event-driven triggering of actions in response to data changes, conditions, and user input

Security

- Password-protected runtime security



COMMUNICATIONS

OpenHMI WW supports communication with a variety of PLCs, networks, and other I/O devices. A partial list is given below; for a complete and up-to-date list, see www.xycom.com. OpenHMI WW also supports data transfer through NETDDE and OPC.

Device Drivers

- Allen-Bradley 1784-KT†, Ethernet Direct, Serial
- Allen-Bradley Data Highway Plus‡
- DeviceNet#
- GE Fanuc CCM2, GE Fanuc Genius† (Windows® 95 only), Host Communications (HCS)†, Series 90 SNP
- Interbus S#
- JBUS
- Mitsubishi A-Series
- Modicon Ethernet, MODBUS
- Modicon MODBUS Plus‡ (Windows NT® only)
- OMRON Host Link, SYSMAC NET†
- OPCLink Server§
- Profibus DP#
- Reliance AutoMate Serial, AutoMax PC Link†, R-Net Direct Link†
- Siemens/Texas Instruments 305/405 CCM, 405 MODBUS, 3964R, SIMATIC NET S7†, SIMATIC TI CVU TIWAY†, SIMATIC TI Direct, SIMATIC TI TIWAY†, SINEC H1† (Windows 95 only), SINEC H1 CP 1413†, SINEC L2 FDL†, SINEC L2 FDLA2†
- Square D SY/ENET (Windows NT® only), SY/LINK†, SY/MAX Point-to-Point
- S-S Technologies 5136-SD†
- Telemecanique Xway†
- Wonderware WWRSLinx (Windows NT® only)

†Requires additional communication support software or a software license.

‡Requires additional hardware.

§Requires additional communication support software or a software license.

#Requires additional hardware and communication support software or a software license.

HARDWARE CONFIGURATIONS



Model	3308KP, 3308T	3310KP(T), 3310T	3312KP(T), 3312T
Display	8.4" flat panel color display, 640 x 480 (VGA)	10.4" flat panel color display, 640 x 480 (VGA)	12.1" flat panel color display, 800 x 600 (SVGA)
Operator Input	51-position keypad (KP) or analog resistive touchscreen (T)	63-position keypad (KP) and/or analog resistive touchscreen (T)	63-position keypad (KP) and/or analog resistive touchscreen (T)
Preloaded OS	MS-DOS, Windows® 98, Windows® NT, Windows® 2000	MS-DOS, Windows® 98, Windows® NT, Windows® 2000	MS-DOS, Windows® 98, Windows NT®, Windows® 2000
Floppy Drive	n/a	n/a	Option
Ethernet	Built-in 10/100 BaseT	Built-in 10/100 BaseT	Built-in 10/100 BaseT
Expansion	PC/104 expansion (up to two cards)	PC/104 expansion (up to two cards)	PC/104 expansion (up to two cards)



Model	3612KPM(T)	3615KPM(T)	3712KPM(T)
Display	12.1" LCD color display, 800 x 600 (SVGA), 300 nits	15.0" LCD color display, 1024 x 168 (XGA), 300 nits	12.1" LCD color display, 800 x 600 (SVGA), 300 nits
Operator Input	Reprogrammable 74-position keypad (KP), or analog resistive touchscreen (T)	Reprogrammable 74-position keypad (KP) and/or analog resistive touchscreen (T)	Reprogrammable 74-position keypad (KP) and/or analog resistive touchscreen (T)
Processors	Intel® Celeron, Pentium® III	Intel® Celeron, Pentium® III	Intel® Celeron, Pentium® III
Preloaded OS	MS-DOS, Windows® NT, Windows® 2000	MS-DOS, Windows® 98, Windows® NT, Windows® 2000, Windows® XP	MS-DOS, Windows® 98, Windows NT®, Windows® 2000, Windows® XP
Expansion	One ISA, two PCI,	One ISA, two PCI,	One ISA, one full-length and one



Model	3715KPM(T)	3112T	3115T
Display	15.0" LCD color display, 1024 x 768 (XGA), 300 nits	12.1" TFT LCD color display, 800 x 600 (SVGA)	15.0" LCD color display, 10024 x 768 (SVGA)
Operator Input	Reprogrammable 74-position keypad and industrial mouse (KPM), and/or touchscreen (T)	Analog resistive touchscreen (T)	Analog resistive touchscreen (T)
Processors	Intel® Celeron, Pentium® III	Intel® Celeron, Pentium® III	Intel® Celeron, Pentium® III
Preloaded OS	MS-DOS, Windows® NT, Windows® 2000, Windows® XP	Windows® 2000 or Windows® XP	Windows® 2000 or Windows® XP
Expansion	One ISA, two PCI, one shared (ISA or PCI)	One ½-length PCI	One ½-length PCI

3300 SERIES PRODUCT SPECIFICATIONS AND RATINGS

All of the specifications are subject to change without notice.

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C	-20°C to 60°C
Humidity	20% to 80% RH, noncondensing	5% to 95% RH, noncondensing
Shock ^a	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
Vibration 5-2000 Hz ^a	.006" peak to peak displacement 1.0g maximum acceleration	.015" peak to peak displacement 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	40 Watt power
AC Power	100-240V AC, 50-60 Hz, 1A (maximum)
DC Power (option)	18-30V DC, 24V nominal, 3.6A (maximum)
Power Available for Expansion	+5V@2A +12V@1A -12V@0.4A

Regulatory Compliance

- | | |
|-------------------------|--|
| CE | FCC |
| • EN 55022 | • 47 CFR, Part 15, Class A |
| • EN 61000-6-2 | • ICES-003, Class A |
| • EN 61000-3-2, Class A | |
| • EN61000-3-3 | |
| • EN 60950 | Front Panel
▪ NEMA 4/4X/12, IP65 |

Safety Agency Approvals

- | | |
|-------------------|-------------------|
| UL Listed: | cUL Listed |
| • UL 508 | • CSA-C22.2, #142 |
| • UL 1604 | • CSA-C22.2, #213 |



Product certification documentation available at:
www.xycom.com/certifications

3112T SERIES PRODUCT SPECIFICATIONS AND RATINGS

All of the specifications are subject to change without notice.

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C (32° TO 122°F)	-20°C to 60°C (-4° to 140°F)
Humidity	5% to 80% RH, noncondensing	5% to 95% RH, noncondensing
Shock ^a	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
Vibration 5-2000 Hz	0.006" peak to peak displacement 1.0g maximum acceleration	0.015" peak to peak displacement 2.5g maximum acceleration
Altitude	Sea level to 10,000 ft. (3,000 m)	Sea level to 40,000 ft. (12,000 m)

Electrical

- AC power: 100-240 V AC, 3.0 A max., 50/60 Hz

Regulatory Compliance

- | | |
|------------------------|----------------------------|
| CE | • EN 60950 |
| • EN 55022 | FCC |
| • EN 61000-6-2 | • 47 CFR, Part 15, Class A |
| • EN 61000-3-3 | • ICES-003, Class A |
| • EN61000-3-2, Class A | |

Safety Agency Approvals

- | | |
|--------------------|-------------------|
| UL Listed: | cUL Listed |
| • UL 508 | • CSA-C22.2, #142 |
| Front Panel | • CSA-C22.2, #213 |

- NEMA 4/4X/12

Product certification documentation available at:
www.xycom.com/certifications



3115T SERIES PRODUCT SPECIFICATIONS AND RATINGS

All of the specifications are subject to change without notice.

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C (32° TO 122°F)	-20°C to 60°C (-4° to 140°F)
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	0.006" peak to peak displacement 1.0g maximum acceleration	0,015" peak to peak displacement 2.5g maximum acceleration
Altitude	Sea level to 10,000 ft. (3,000 m)	Sea level to 40,000 ft. (12,000 m)

Electrical

- AC power: 100-240 V AC, 3.0 A max., 50/60 Hz

Regulatory Compliance

CE

- EN 55022
- EN 61000-6-2
- EN 61000-3-3
- EN61000-3-2, Class A
- EN 60950

FCC

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

Safety Agency Approvals

UL Listed:

- UL 508
- UL 1604

cUL Listed

- CSA-C22.2, #142
- CSA-C22.2, #213

Front Panel

- NEMA 4/4X/12



Product certification documentation available at:
www.xycom.com/certifications

3600 SERIES PRODUCT SPECIFICATIONS AND RATINGS

All of the specifications are subject to change without notice.

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	.006" peak to peak displacement 1.0g maximum acceleration	.015" peak to peak displacement 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

Power Supply	90 watt AC		
AC Power	100 - 132/200 - 240 V AC, switchable, 50/60 Hz, 4.0 Amp (maximum)		
Available Expansion Power	26 watts maximum	+5V@3.4A ^a +3.3V@1.58A ^a -5@160mA ^b -12@160mA ^b +12@0.58A	^a +5V and +3.3V cannot exceed 17 watts. ^b -5V and -12V cannot exceed 2 watts.

Regulatory Compliance

CE

- EN 55022
- EN 61000-6-2
- EN 61000-3-3
- EN61000-3-2, Class A

- EN 60950

FCC

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

Safety Agency Approvals

UL Listed:

- UL 508
- UL 1604

cUL Listed

- CSA-C22.2, #142
- CSA-C22.2, #213

Front Panel

- NEMA 4/4X/12, IP65



Product certification documentation available at:
www.xycom.com/certifications

3700 SERIES PRODUCT SPECIFICATIONS AND RATINGS

All of the specifications are subject to change without notice.

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C	-20°C to 60°C
Humidity	20% to 80% RH, noncondensing	5% to 0% RH, noncondensing
Shock ^a	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
Vibration 5-2000 Hz ^a	.006" peak to peak displacement 1.0g maximum acceleration	.015" peak to peak displacement 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

AC Power Supply	200 watt AC	DC Power Supply	300 Watt DC
AC Power	100 - 240V AC, 50-60 Hz, 5.0 Amps (maximum)	DC Power	19-36 VDC 20 Amp (maximum)
Power Available for Expansion	+3.3V@10A max ^a +5V@6A max ^a -5@.2A max ^b -12@.5A max ^b +12@4.9A max	Available Expansion Power	+3.3 V@9A +5V@7A +12V@8A -12V@0.7A -5V@0.54A

^a +5V and +3.3V combined cannot exceed 36 watts.

^b -5V and -12V combined cannot exceed 8 watts.

Note: Combined -5V & -12V power shall not exceed 0.8Amps

Compliance

Regulatory Compliance

CE

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

FCC

- 47 CFR, Part 15, Class A

Safety Agency Approvals

UL

- UL 508 Listed
- UL 1604 Listed

cUL

- CSA-C22.2, #142 Listed
- CSA-C22.2, #213 Listed

Front Panel

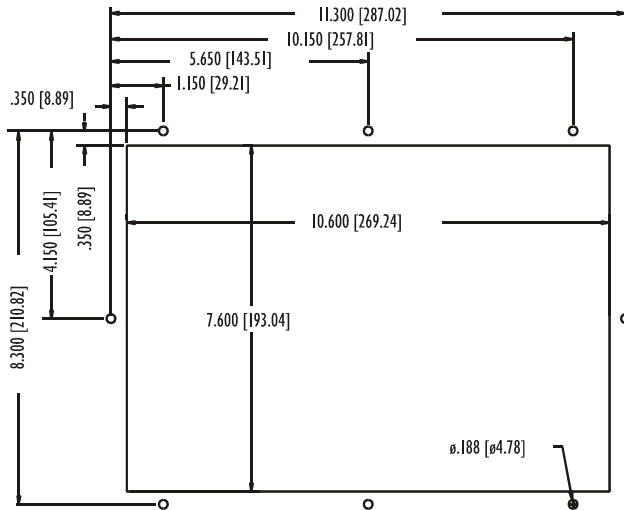
- NEMA 4/4X/12, IP65



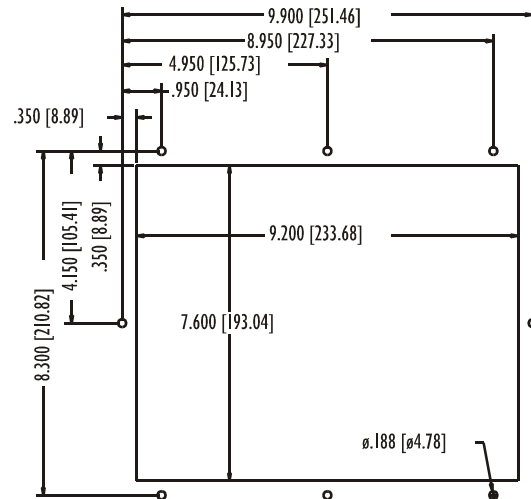
Product certification documentation available at:
www.xycom.com/certifications

PRODUCT AND MOUNTING DIMENSIONS

3308KP Mounting



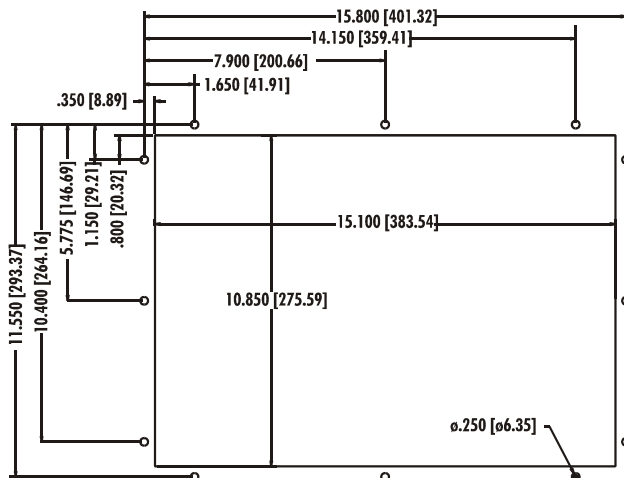
3308T Mounting



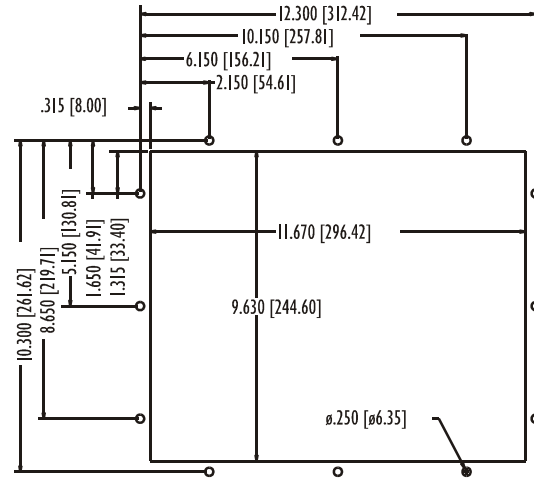
3308 Unit Dimensions

Model	3308KP	3308T
Height	9.00" (228.6 mm)	9.00" (228.6 mm)
Width	12.00" (304.8 mm)	10.60" (269.2 mm)
Depth	4.30" (109.2 mm)	4.20" (106.7 mm)
Mounting Depth	3.30" (83.8 mm)	3.20" (81.3 mm)
Weight	9 lbs (4.1 kg)	9 lbs (4.1 kg)

3310KP(T) Mounting



3310T Mounting

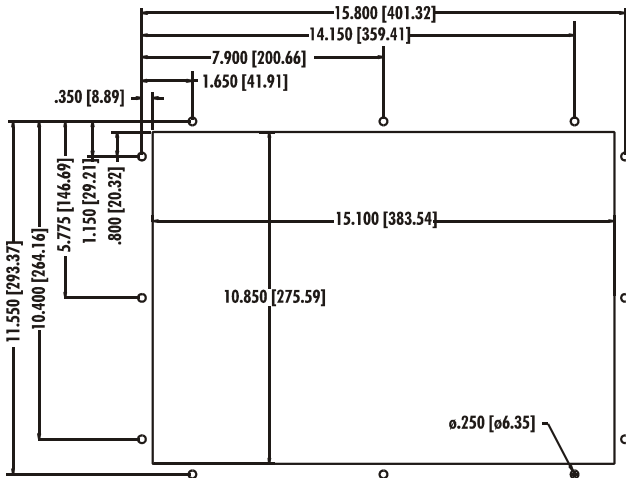


3310 Unit Dimensions

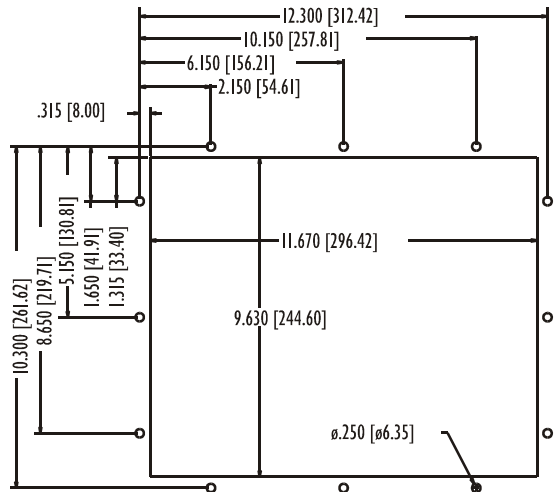
Model	3310KP(T)	3310T
Height	12.25" (311.5 mm)	11.00" (279.4 mm)
Width	16.50" (419.1 mm)	13.00" (330.2 mm)
Depth	4.50" (114.3 mm)	4.50" (114.3 mm)
Mounting Depth	3.50" (88.9 mm)	3.50" (88.9 mm)
Weight	12 lbs (5.5 kg)	11 lbs (5.0 kg)

PRODUCT AND MOUNTING DIMENSIONS (CONTINUED)

3312KP(T) Mounting



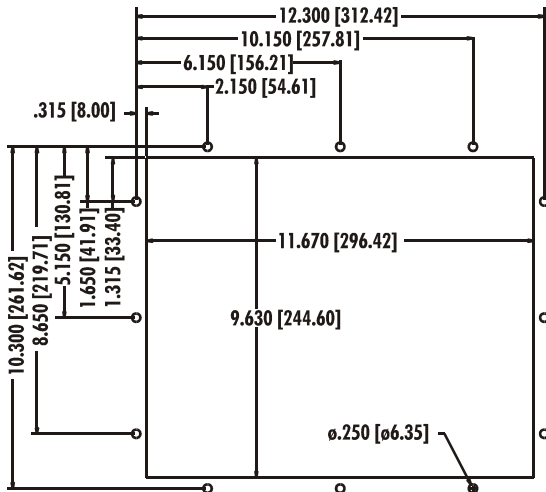
3312T Mounting



3312 Unit Dimensions

Model	3312KP(T)	3312T
Height	12.25" (311.5 mm)	11.00" (279.4 mm)
Width	16.50" (419.1 mm)	13.00" (330.2 mm)
Depth	4.50" (114.3 mm)	4.50" (114.3 mm)
Mounting Depth	3.50" (88.9 mm)	3.50" (88.9 mm)
Weight	12 lbs (5.5 kg)	11 lbs (5.0 kg)

3612T, 3612KPM Mounting



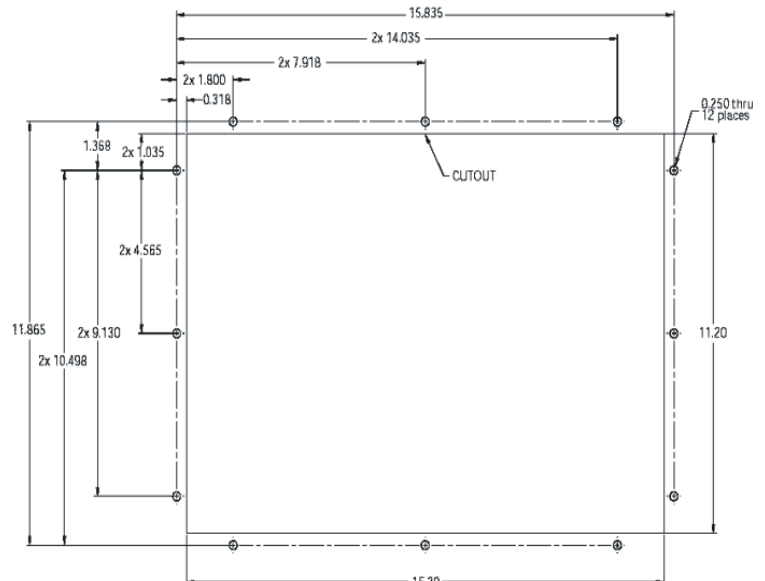
3612T, 3612KPM Unit Dimensions

Model	3612T, 3612KPM(T)
Height	11.20" (279.4 mm)
Width	13.20" (330.2 mm)
Depth	7.36" (187.0 mm)
Mounting Depth	6.36" (161.5 mm)
Weight	16 lbs (7.2 kg)

3615T Mounting

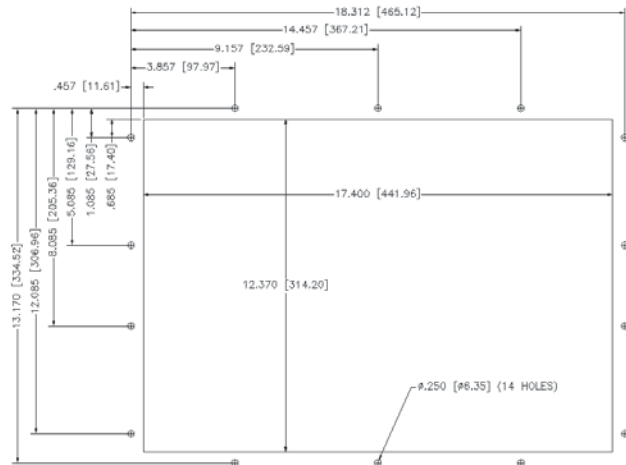
3615T Unit Dimensions

Model	3615T
Height (A)	12.62" (320.5 mm)
Width (B)	16.59" (421.4 mm)
Depth (C)	7.64" (194.0 mm)
Mounting Depth (D)	6.64" (168.6 mm)
Weight	25 lbs (11.34 kg)



PRODUCT AND MOUNTING DIMENSIONS (CONTINUED)

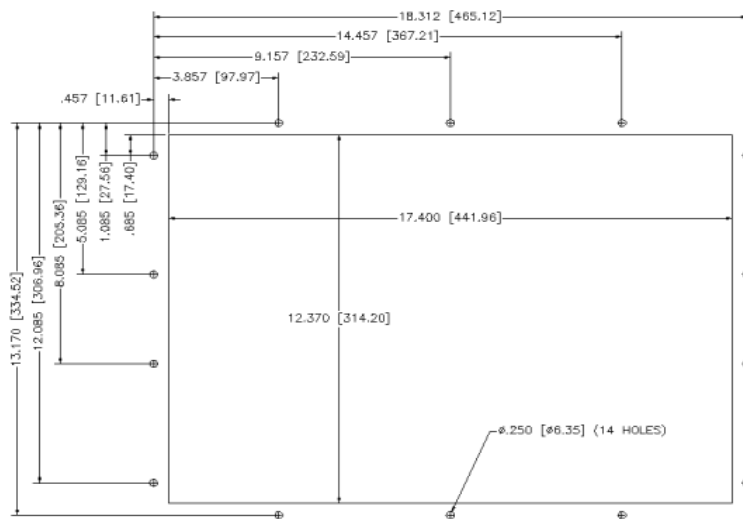
3615KPM(T) Mounting



3615KPM(T) Unit Dimensions

Model	3615KPM(T)
Height (A)	13.97" (354.8 mm)
Width (B)	19.00" (482.6 mm)
Depth (C)	7.64" (194.0 mm)
Mounting Depth (D)	6.64" (168.6 mm)
Weight	26 lbs (11.79 kg)

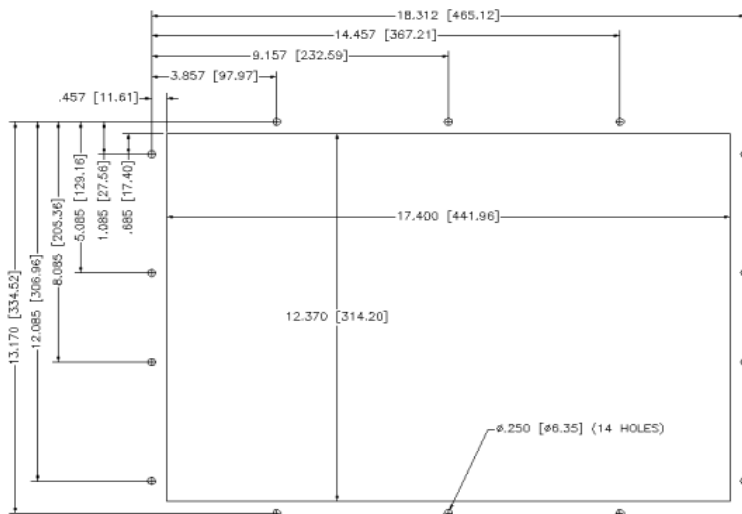
3715T Mounting



3715T Unit Dimensions

Model	3715T
Height (A)	13.97" (354.8 mm)
Width (B)	19.00" (482.6 mm)
Depth (C)	7.64" (194.0 mm)
Mounting Depth (D)	6.64" (168.6 mm)
Weight	37 lbs (16.8 kg)

3715KPM(T) Mounting

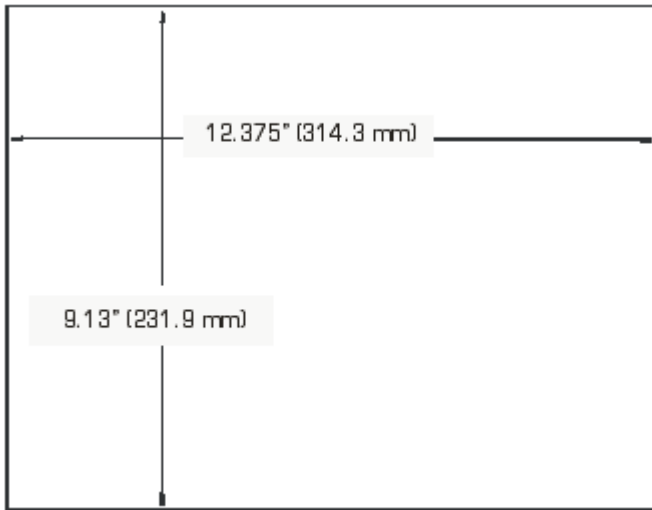


3715KPM(T) Unit Dimensions

Model	3715KPM(T)
Height (A)	13.97" (354.8 mm)
Width (B)	19.00" (482.6 mm)
Depth (C)	7.64" (194.0 mm)
Mounting Depth (D)	6.64" (168.6 mm)
Weight	37 lbs (16.8 kg)

PRODUCT AND MOUNTING DIMENSIONS (CONTINUED)

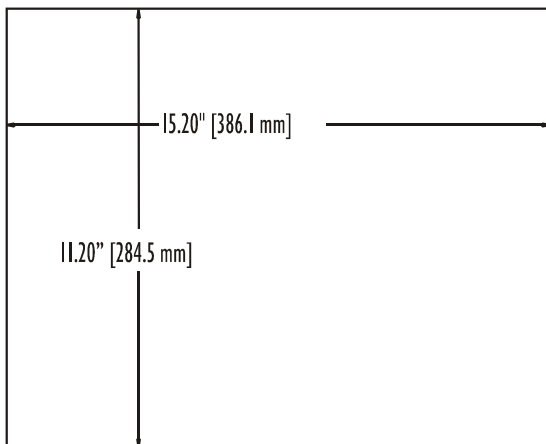
3112T Mounting



3112T Unit Dimensions

Model	3112T
Height	10.24" (260 mm)
Width	13.39" (340.0 mm)
Depth	0.345" (9.0 mm)
Mounting Depth	3.89" (99.0 mm)
Weight	15 lbs (6.8 kg)

3115T Mounting



3115T Unit Dimensions

Model	3115T
Height	12.17" (309.0 mm)
Width	16.14" (410.0 mm)
Depth	4.25" (108.0 mm)
Mounting Depth	4.00" (102.6 mm)
Weight	18 lbs (8.2 kg)

ORDERING INFORMATION

Development Software and Other Software

At least one OpenHMI IWS Web Studio development software package is required to create applications for OpenHMI IWSCE or OpenHMI IWSNT workstations (hardware).

Order Number	Description
CONFIG-7.0	Configurator software for OpenHMI WW Windows NT and Windows 95 workstations, Version 7.0 one-year license and support. ¹
CONFIG-7.1 Version	Configurator software for OpenHMI WW Windows NT, 2000, and Windows 98 workstations, 7.1 one-year license and support.
AB-ENET-OPC2	Runtime license to use OPC server for Allen-Bradley Ethernet with OpenHMI WW workstation.

¹ Version 7.0 of the software is sold only for compatibility with version 7.0 software on previously sold OpenHMI WW runtime workstations. All new OpenHMI WW runtime workstations have version 7.1 of the OpenHMI WW runtime software.

Runtime Hardware

To create an order number, follow the conventions defined by the example order numbers and product configurations. All OpenHMI WW runtime workstations ship with version 7.1 of the OpenHMI WW runtime software.

Example Order Numbers

Order Number	Description
3310KP-HMI-300-128-98-WWA	OpenHMI WW 3310 workstation with 10.4" 640x480 (VGA) color display, reprogrammable keypad, NS Geode GX1 300MHz, 128 MB DRAM, AC power supply, no floppy drive, standard hard drive (20 GB minimum size), and OpenHMI WW 7.1 500 tag/50 window runtime software with Windows 98 operating system preloaded.
3612T-HMI-850-256-CDF-98-WWA	OpenHMI IWS 3612 industrial workstation with 12" 800x600 (SVGA) TFT color display, analog resistive touchscreen, Socket 370 Intel Celeron 850 MHz processor, 256 MB DRAM, 100/240 V AC power supply, standard hard drive (20 GB minimum), rear access floppy and CD-ROM drives, USB ports, 10/100 BaseT Ethernet, OpenHMI WW 500 tag/50 window Runtime software and Windows 98 operating system preloaded.
3615KPM-HMI-850-256-CDF-98-WWA	OpenHMI WW 3615 workstation with 15" 1024x768 (XGA) color display, reprogrammable keypad, built-in mouse, Socket 370 850 MHz Intel Celeron processor, 256 MB DRAM, AC power supply, floppy drive & CD-ROM drive, Ethernet, standard hard drive (20 GB minimum size), and OpenHMI WW 500 tag/50 window runtime software with Windows 98 operating system preloaded.
3715KPM-HMI-850-256-CDF-98-WWA	OpenHMI WW 3715 workstation with 15" 1024x768 (XGA) color display, reprogrammable keypad, built-in mouse, Socket 370 850 MHz Intel Celeron processor, 256 MB DRAM, AC power supply, floppy drive & CD-ROM drive, Ethernet, standard hard drive (20 GB minimum size), and OpenHMI WW 500 tag/50 window runtime software with Windows 98 operating system preloaded.
3115T-HMI-1200-256-2K-WWA	OpenHMI WW 3115T workstation with 15" (XGA) color display, analog resistive touchscreen, socket 370 1.2 GHz Celeron processor, 256 MB DRAM, AC power supply, CD-ROM and floppy drives, USB and Ethernet, standard hard drive (20 GB), and Open HMI WW 500 tag/50 window runtime software and Windows 2000 operating system preloaded.

ORDERING INFORMATION (HARDWARE CONTINUED)

OpenHMI WW 3300 Industrial Workstations

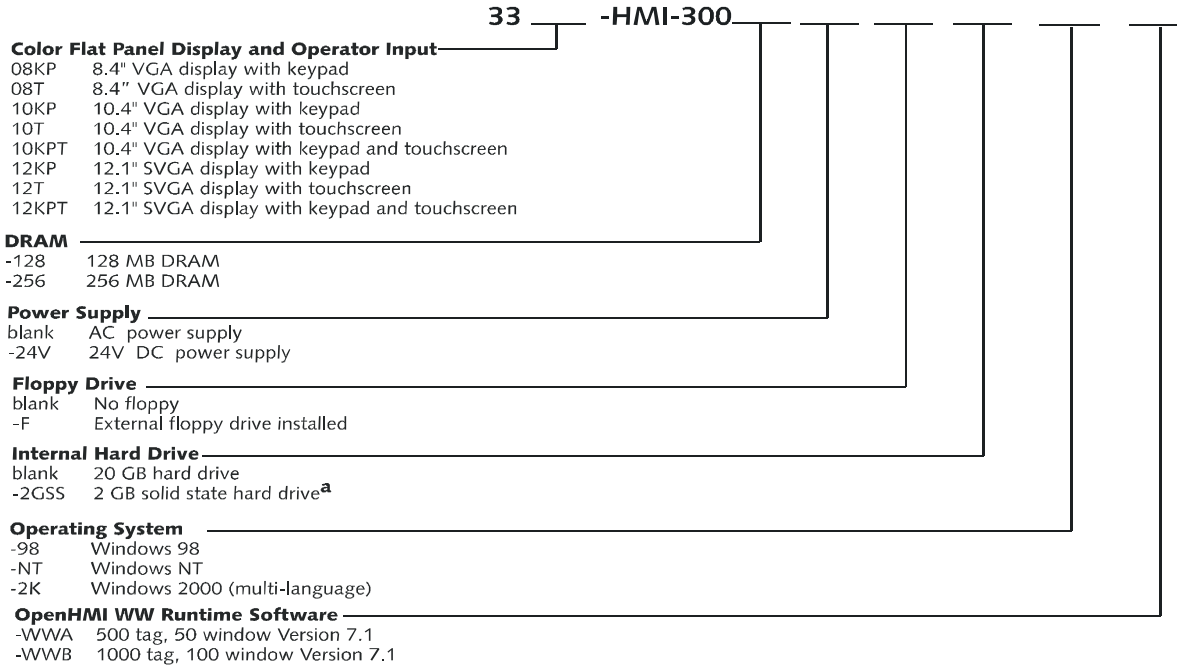
OpenHMI WW 3300 industrial workstations have a standard hard drive (20 GB minimum size).

Standard Configurations

3308(T or KP)-HMI-300-128-98-WWA

3310(T or KP)-HMI-300-128-98-WWA

3312(T or KP)-HMI-300-128-98-WWA



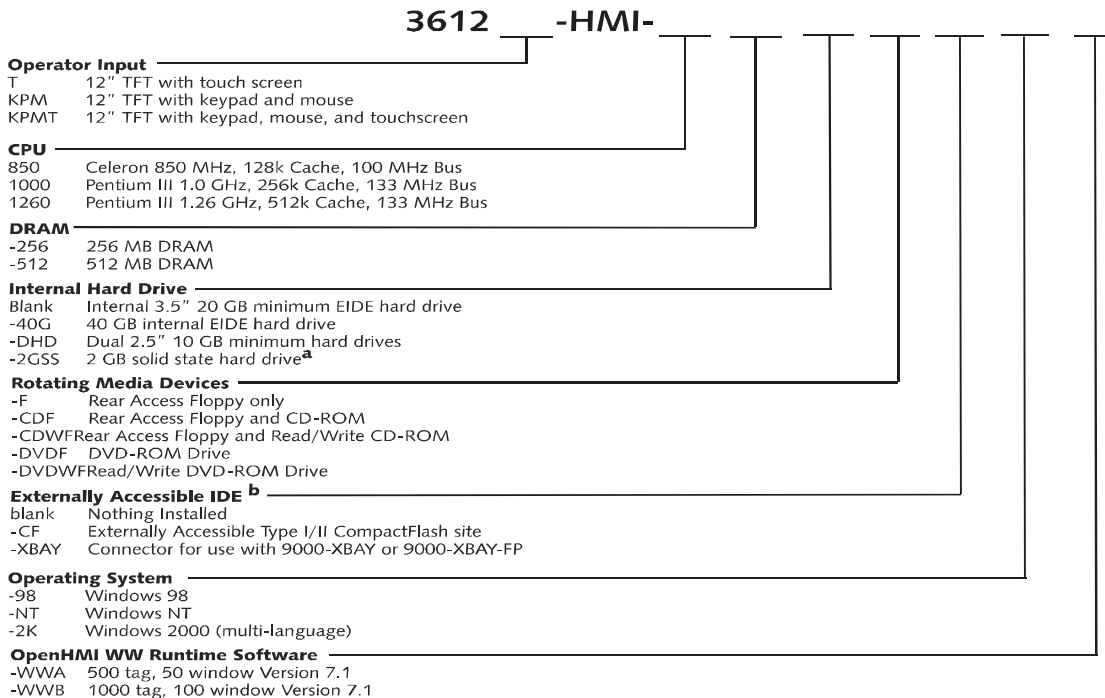
^a Not recommended when applications are storing data

OpenHMI WW 3612 Industrial PCs (4 ISA/PCI Slots)

Standard Configurations

3612T-HMI-850-256-CDF-98-WWA

3612KPM-HMI-850-256-CDF-98-WWA



^a Not recommended when applications are storing data ^b Externally accessible options are not available when choosing -DHD option.

ORDERING INFORMATION (CONTINUED)

OpenHMI WW 3615 Industrial PCs (4 ISA/PCI Slots)

Standard Configurations

3615T-HMI-850-256-CDF-98-WWA

3615KPM-HMI-850-256-CDF-98-WWA

3615 -HMI-	
Operator Input	
T	15" TFT with touchscreen
KPM	15" TFT with keypad and mouse
KPMT	15" TFT with keypad, mouse, and touchscreen
CPU	
850	Celeron 850 MHz, 128k Cache, 100 MHz Bus
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
Internal Hard Drive	
Blank	Internal 3.5" 20 GB minimum EIDE hard drive
-40G	40 GB internal EIDE hard drive
-DHD	Dual 2.5" 10 GB minimum hard drives
-2GSS	2 GB solid state hard drive ^a
Rotating Media Devices	
-F	Rear Access Floppy only
-CDF	Rear Access Floppy and CD-ROM
-CDWFRear	Access Floppy and Read/Write CD-ROM
-DVDF	DVD-ROM Drive
-DVDWFRear	Read/Write DVD-ROM Drive
Externally Accessible IDE^b	
blank	Nothing Installed
-CF	Externally Accessible Type I/II CompactFlash site
-XBAY	Connector for use with 9000-XBAY or 9000-XBAY-FP
Operating System	
-98	Windows 98
-NT	Windows NT
-2K	Windows 2000 (multi-language)
OpenHMI WW Runtime Software	
-WWA	500 tag, 50 window Version 7.1
-WWB	1000 tag, 100 window Version 7.1

^a Not recommended when applications are storing data ^b Externally accessible options are not available when choosing -DHD option.

OpenHMI WW 3712 Industrial PCs (4 ISA/PCI Slots)

Standard Configurations

3712KPM-HMI-850-256-CDF-98-WWA

3712 -HMI-	
Operator Input	
KPM	12" TFT with keypad and mouse
KPMT	12" TFT with keypad, mouse, and touchscreen
CPU	
850	Celeron 850 MHz, 128k Cache, 100 MHz Bus
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
Internal Hard Drive	
Blank	Internal 3.5" 20 GB minimum EIDE hard drive
-40G	40 GB internal EIDE hard drive
-DHD	Dual 2.5" 10 GB minimum hard drives
-2GSS20	GB solid state hard drive ^a
Rotating Media Devices	
-F	Rear Access Floppy only
-CDF	Rear Access Floppy and CD-ROM
-CDWFRear	Access Floppy and Read/Write CD-ROM
-DVDF	DVD-ROM Drive
-DVDWFRear	Read/Write DVD-ROM Drive
Externally Accessible IDE^b	
blank	Nothing Installed
-CF	Externally Accessible Type I/II CompactFlash site
-XBAY	Connector for use with 9000-XBAY or 9000-XBAY-FP
Operating System	
-98	Windows 98 ^c
-NT	Windows NT ^c
-2K	Windows 2000 (multi-language)
OpenHMI WW Runtime Software	
-WWA	500 tag, 50 window Version 7.1
-WWB	1000 tag, 100 window Version 7.1

^a Not recommended when applications are storing data

^b Externally accessible options are not available when choosing -DHD option.

ORDERING INFORMATION (HARDWARE CONTINUED)

OpenHMI WW 3715 Industrial PCs (4 ISA/PCI Slots)

Standard Configurations

3715T-HMI-850-256-CDF-98-WWA

3715KPM-HMI-850-256-CDF-98-WWA

3715 -HMI-

Operator Input

T 15" TFT with touchscreen
KPM 15" TFT with keypad and mouse
KPMT 15" TFT with keypad, mouse, and touchscreen

CPU

850 Celeron 850 MHz, 128k Cache, 100 MHz Bus
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

Internal Hard Drive

Blank Internal 3.5" 20 GB minimum EIDE hard drive
-40G 40 GB internal EIDE hard drive
-DHD Dual 2.5" 10 GB minimum hard drives
-2GSS 2 GB solid state hard drive^a

Rotating Media Devices

-F Rear Access Floppy only
-CDF Rear Access Floppy and CD-ROM
-CDWFRear Access Floppy and Read/Write CD-ROM
-DVDF DVD-ROM Drive
-DVDWFRRead/Write DVD-ROM Drive

Externally Accessible IDE ^b

blank Nothing Installed
-CF Externally Accessible Type I/II CompactFlash site
-XBAY Connector for use with 9000-XBAY or 9000-XBAY-FP

Operating System

-98 Windows 98
-NT Windows NT
-2K Windows 2000 (multi-language)

OpenHMI WW Runtime Software

-WWA 500 tag, 50 window Version 7.1
-WWB 1000 tag, 100 window Version 7.1

^a Not recommended when applications are storing data ^b Externally accessible options are not available when choosing -DHD option.

OpenHMI WW 3112T Industrial PCs (4 ISA/PCI Slots)

Standard Configurations

3112T-HMI-1200-256-2K-WWA

3112T-HMI-1200-256-2K

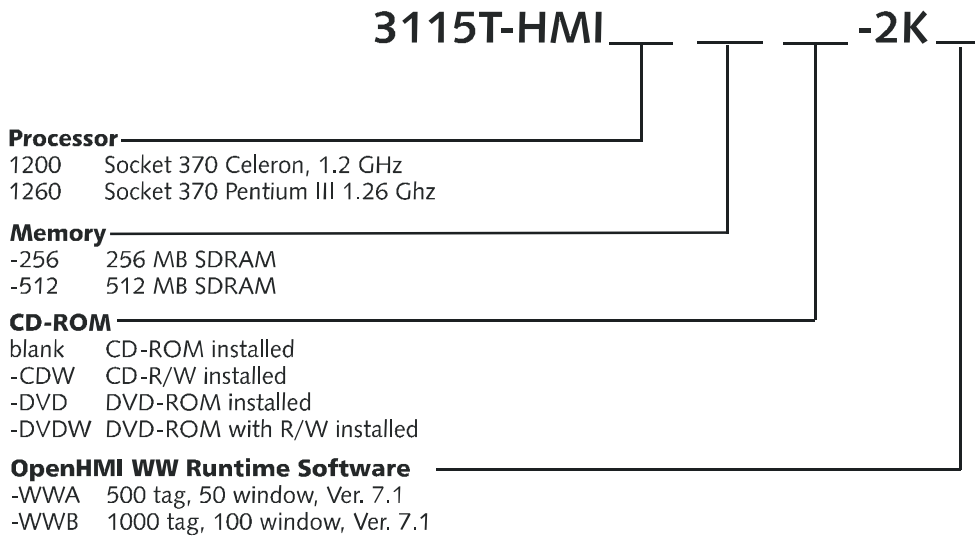
OpenHMI WW Runtime Software

-WWA 500 tag, 50 window, Ver. 7.1
-WWB 1000 tag, 100 window, Ver. 7.1

ORDERING INFORMATION (HARDWARE CONTINUED)

OpenHMI WW 3115T Flat Panel Industrial PC

Standard Configuration
3115T-HMI-1200-256-2K-WWA



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



© 2003 Xycom Automation, Inc. Specifications may change without notice. Xycom Automation, OpenHMI, and OpenCNTRL are trademarks of Xycom Automation. Other brand or product names are the property of their respective owners.



California Proposition 65 Warning—Lead and Lead Compounds

Advertencia de la Proposición 65 de California—Plomo y compuestos de plomo

Avertissement concernant la Proposition 65 de Californie—Plomb et composés de plomb

⚠ WARNING: This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov.

⚠ ADVERTENCIA: Este producto puede exponerle a químicos incluyendo plomo y compuestos de plomo, que es (son) conocido(s) por el Estado de California como causante(s) de cáncer y defectos de nacimiento u otros daños reproductivos. Para mayor información, visite : www.P65Warnings.ca.gov.

⚠ AVERTISSEMENT: Ce produit peut vous exposer à des agents chimiques, y compris plomb et composés de plomb, identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres troubles de l'appareil reproducteur. Pour de plus amples informations, prière de consulter: www.P65Warnings.ca.gov.

All trademarks are the property of Schneider Electric SE, its subsidiaries, and affiliated companies.

Schneider Electric USA, Inc.
800 Federal Street
Andover, MA 01810 USA
888-778-2733
www.schneider-electric.us

Todas las marcas comerciales son propiedad de Schneider Electric SE, sus filiales y compañías afiliadas.

Importado en México por:
Schneider Electric México, S.A. de C.V.
Av. Ejercito Nacional No. 904
Col. Palmas, Polanco 11560 México, D.F.
55-5804-5000
www.schneider-electric.com.mx

Toutes les marques commerciales sont la propriété de Schneider Electric SE, ses filiales et compagnies affiliées.

Schneider Electric Canada, Inc.
5985 McLaughlin Road
Mississauga, ON L5R 1B8 Canada
800-565-6699
www.schneider-electric.ca