

Industrial Computers XLIN Family



- **Stainless Steel Enclosed System**
- **NEMA 4/4X, CE and UL Compliant**
- **XP Operating System**
- **15.0" LCD TFT Display**
- **Pentium M 1.7GHz Processor**
- **Slots – 4 PCI OR 2 PCI & 2 ½-Size ISA**
- **Hard Drive or Compact Flash Media**
- **256 MB RAM Expandable to 1 GB RAM**
- **Intel 10/100/1000 Gigabit Ethernet Port**
- **Clear Resistive Touch screen**
- **One RS-232 Port**
- **Two USB 2.0 ports**
- **PS/2 Mouse/Keyboard Port**
- **Analog Video Out Port**
- **64 Mb Intel Extreme Graphic 2 Video**
- **Optional Integral Floppy Drive and/or CD ROM Drive**

The XLIN industrial computer is designed to meet the most rugged application needs, while providing the power and performance that you expect from a high-end desktop system. Standard features include a Pentium M 1.5 GHz processor, clear resistive touchscreen, selectable 10/100/1000-Base-T Ethernet port, two USB 2.0 ports, RS-232 serial port, PS/2 mouse/keyboard port and analog video out port. An integrated floppy drive and/or CD ROM drive can be included for simplified program loading. The Pentium M 1.7 GHz CPU has comparable benchmarks to an Intel Pentium 4 3.2 GHz processor.

TFT display is available in 15.0" with XGA resolution. The XLIN products are CE compliant, as well as NEMA 4/4X compliant when properly mounted in a correspondingly rated enclosure. The XLIN family also offers compatibility with VDE 0871 standards for EMI/RFI, as well as IEC 801 standards for ESD.

Each and every XLIN unit has been designed for and built to use in a harsh, dirty, computer-unfriendly environment. Once an XLIN is assembled, it is subjected to 72 hours of burn-in testing at 50°C. During this period of time, the XLIN is having a vast array of tests applied to it to insure that it will perform as well in your factory environment as it does in ours. Only after this testing period will any XLIN be approved for customer use.

Specifications

Environment

Operating Temperature.....	0 - 50° C
Humidity.....	0% - 95% non-condensing
Operating Power.....	24 V DC, 4 A nominal (±10%)

Touchscreen Properties

Type.....	Clear resistive
Resolution.....	4096 x 4096 matrix

15.0" Display Characteristics

Type.....	TFT
Resolution.....	1024 x 768
Dot Pitch.....	0.300 mm ²
Brightness (NITS).....	250 cd/m ²
Backlight Life.....	50,000 hours
Number of Colors.....	256K
Horizontal Viewing Angle.....	85° Left / 85° Right
Vertical Viewing Angle.....	85° Up / 85° Down

Physical Characteristics - 15.0" Display

Bezel Height.....	12.69"
Bezel Width.....	15.56"
Cutout Height.....	11.80"
Cutout Width.....	14.70"
Unit Depth.....	8.07"
Unit Weight.....	16.5 lbs



XLIN Ordering Information

Description	Part Number
15.0" XLIN	XLIN-15.0

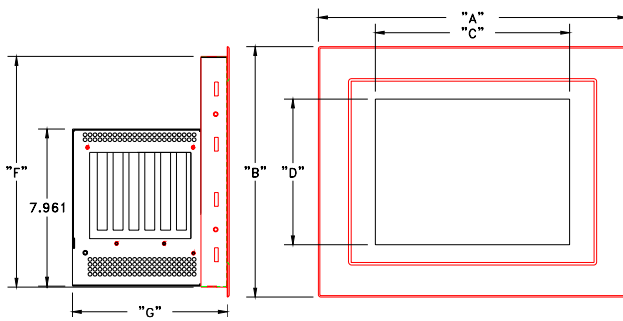
Operating System Ordering Information

Description	Part Number
Windows XP	WIN-XP

Storage Media Ordering Information

Description	Part Number
Hard Drive (minimum of 20 GB)	HD
256 MB Compact Flash	CF-256
512 MB Compact Flash	CF-512
1 GB Compact Flash	CF-1024

Frontal and Side View Drawings



Display Size	A	B	C	D	F	G
15.0	15.56	12.69	12.26	9.19	11.69	8.07

Additional Memory Ordering Information

Description	Part Number
Memory Total of 256 MB RAM	M256
Memory Total of 512 MB RAM	M512
Memory Total of 1024 MB RAM	M1024

Optional Hardware Ordering Information

Description	Part Number
Integrated Floppy Drive	FL1.44
Integrated CD ROM Drive	CD-ROM

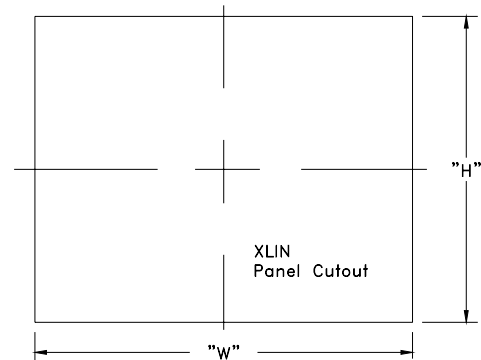
For example, a 15.0" XLIN with Windows XP, 256 MB RAM, a hard drive and an integrated floppy drive would be ordered as:

XLIN-15.0-WIN-XP-HD-M256-FL1.44

Warranty

All products are warranted for one year from date of shipment against defects in material and workmanship.

Cutout Drawing



Display Size	W	H
15.0	1470	11.80

Specifications subject to change without notice



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