

# XLON<sup>®</sup> PC



## Description

The **XLON<sup>®</sup>pc** is a versatile useable industrial PC offering many different system configurations to fit perfectly to the customer's needs and applications.

The **XLON<sup>®</sup>pc** is designed for highest availability and reliability, which is most important in automation systems. Therefore only high-quality parts are selected for the **XLON<sup>®</sup>pc**. Moreover, fanless systems with low power CPU and CompactFlash disk eliminate the need of mechanical rotating parts like fan and harddisk.

The **XLON<sup>®</sup>pc** supports all common PC interfaces like USB, Ethernet, COM1, LPT and PS/2. An optional LonTalk adapter with integrated FTT-10A or an electrically isolated RS485 transceiver is available.










The **XLON<sup>®</sup>pc** USB interface enables nearly any imaginable extensions of the system. These could be multimedia solutions, card readers for access control, analog or digital IO interfaces, modems and many more.

The **XLON<sup>®</sup>pc** operates with a lot of different operating systems. Depending on the system configuration, all Microsoft desktop, server and embedded operating systems are supported, moreover Linux.

The customer can select between economically „headless“ **XLON<sup>®</sup>pc** systems, optimized for gateway and server solutions, and systems with integrated touchpanel for professional visualization applications.

The **XLON<sup>®</sup>pc** enables all possibilities of the latest software technologies for professional building and industrial automation.

## Features and Benefits

-  Versatile useable industrial PC
-  Best solution for LNS / OPC / DDE Server and Gateway applications
-  Application specific system configuration
-  TFT touchpanel available in different sizes
-  High availability due to CompactFlash disk
-  NSI or VNI LonTalk Adapter with FTT transceiver
-  Supports LNS and LonManager API applications
-  Supports 3rd party LON applications
-  Integrated power supply
-  Top quality housing, useable for wall, panel or DIN rail mounting
-  Drivers for all Microsoft OS and Linux



## XLON<sup>®</sup> PC XSL

Intel<sup>®</sup> XScale<sup>®</sup> processor at 520 MHz

64 MB SDRAM on board (up to 128 MB)

32 MB SiliconDisk on board (up to 64 MB)

10/100 BaseT RJ45

USB Host, USB Slave, COM1

Power supply integrated 24V DC

8.0" VGA Touchpanel with resistive touch, color TFT

## XLON<sup>®</sup> PC bas

Geode<sup>™</sup> GX1 processor at 300 MHz

64 MB SDRAM SO-DIMM (up to 128 MB)

32 MB CF SiliconDisk (up to 8 GB)

10/100 BaseT RJ45

2xUSB, COM1, LPT, 2xPS/2

Power supply integrated 85/264 VAC, 47/63Hz

See Hardware add-on

## XLON<sup>®</sup> PC eco

Intel Celeron<sup>®</sup> M processor at 600 MHz

512 MB DDRAM SO-DIMM (up to 1 GB)

1 GB CF SiliconDisk up to 8 GB (optional HDD, up to 60 GB)

10/100 BaseT RJ45

2xUSB, COM1, LPT, 2xPS/2

Power supply integrated 85/264 VAC, 47/63Hz

See Hardware add-on

## XLON<sup>®</sup> PC pro

Intel<sup>®</sup> Pentium<sup>®</sup> M processor at 1.1 GHz

512 MB DDRAM SO-DIMM (up to 1 GB)

1 GB CF SiliconDisk up to 8 GB (optional HDD, up to 60 GB)

10/100 BaseT RJ45

2xUSB, COM1, LPT, 2xPS/2

Power supply integrated 85/264 VAC, 47/63Hz

See Hardware add-on

## Software add-on

Operating system pre-loaded (all Microsoft OS, Linux)

Software pre-loaded on request (LNS / OPC / DDE Server)



## Hardware add-on

LonTalk<sup>®</sup> Adapter with FTT-10A transceiver

10.4" SVGA Touchpanel with resistive touch, color TFT

15.0" XGA Touchpanel with resistive touch, color TFT

## Ordering Information

XLON PC **bas**  
XLON PC **bas** + FTT  
XLON PC **bas** + FTT + TFT10.4"  
XLON PC **bas** + FTT + TFT15.0"

PCB2  
PCB2-FTT  
PCB2-FTT-10.4  
PCB2-FTT-15.0

XLON PC **eco**  
XLON PC **eco** + FTT  
XLON PC **eco** + FTT + TFT10.4"  
XLON PC **eco** + FTT + TFT15.0"

PCE2  
PCE2-FTT  
PCE2-FTT-10.4  
PCE2-FTT-15.0

XLON PC **pro**  
XLON PC **pro** + FTT  
XLON PC **pro** + FTT + TFT10.4"  
XLON PC **pro** + FTT + TFT15.0"

PCP2  
PCP2-FTT  
PCP2-FTT-10.4  
PCP2-FTT-15.0