Phoenix Contact offers a full family of modular components covering virtually all of your electrical and electronic needs as well as a broad range of value-added services.

**CLIPLINE**
- DIN rail-mount terminal blocks
- Marking materials and printers
- Tools
- Ferrules

**TRABTECH**
- Surge voltage protection

**INTERFACE**
- Analog signal converters
- Power supplies
- Racks
- PLC cabling
- Rail-mount breakout modules
- Intrinsic safety modules

**COMBICON**
- PCB terminal blocks
- Electronic component housings

**PLUSCON**
- Industrial plug connectors
- Sensor cabling and sensor boxes
- PCB terminal blocks
- Electronic component housings

**AUTOMATION**
- Solutions, products and services for DeviceNet, Profinet, Ethernet and Interbus
- Controllers and software
- Fieldbus I/O
- EtherCAT infrastructure components

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**Valueline® Industrial PC**

Configurable industrial platform for visualization and control
Valueline® Industrial PC
Powerful, robust and configurable

Valueline Industrial PC is a scalable line of industrial computers designed for a wide variety of automation, process visualization and control applications.

A variety of screen sizes, CPU, RAM and mass storage options enable you to choose the hardware that will meet your specific application requirements.

Valueline Industrial PC is:

**Modular** – Custom-design multiple configurations on the same basic hardware platform. Valueline system can be equipped with two extra PCI slots.

**Robust** – 24 V DC power supply, fanless design and solid-state hard drive option result in a system with no moving parts.

**Maintenance friendly** – Convenient service door conceals an easily removable hard drive, CompactFlash® devices for fast swap-outs and easy access to the RTC battery.

Valueline Industrial PC is:

**Leading CPU technology** – Choose from Intel® Atom™, Celeron® M, Core™2 Duo or Core i7 processors for flexibility in price and power.

**Touch screen display** – Available in various screen sizes ranging from 12 inches to 24 inches with optional front USB.

**Flexible mounting** – Panel mounting for systems with a display; bookshelf, wall mount and rail mounting for blind nodes.

**Fanless design** – Eliminates CPU damage as a result of fan failure.

**Connectivity** – Two integrated 10/100/1000 Ethernet ports with independent MAC addresses.

**Rugged mass storage option** – Industrial-rated rotating hard drives, non-rotating solid-state drives (SSD) or CompactFlash drives.

**Enhanced security** – Add an FL mGuard router/firewall for Layer 3 Ethernet network and security functions.

Industries include:

- Automotive
- Infrastructure
- Material handling
- Chemical/petrochemical
- Machine building
- Pulp and paper
- High-speed automation
- Mining
- Water/wastewater

* Available on select configurations.
Selection guide

Valueline Industrial PC is a configurable product without fixed part numbers.
A configured system is identified by an order key consisting of the base part number and a series of identifiers describing the features.

Please contact your local Phoenix Contact sales representative for available configuration options and pricing.

www.phoenixcontact.com/valueline

Valueline BPC MINI

The Valueline BPC MINI is a new line of configurable, small form factor, embedded IPCs in the Valueline family of products. This new line is based upon specially selected Intel Atom processors. Not only does the Valueline BPC MINI consume less energy, it also produces less heat.

Valueline BPC MINI products feature:
- Compact design
- Fanless operation
- Wide temperature model operates at -40°C to 65°C
- DIN rail-mountable
- Compatibility with Windows Embedded Standard, Windows CE and Linux

Thanks to a variety of Intel Atom processors, the Valueline BPC MINI product line ranges from high performance models to extra rugged models that perform successfully in harsh environments.

Base article number


Base article number

2700773/Axx/Ixx/Rxx/Mxx/OSxx/Sxx/MPxx

Note

N01 128 MB RAM (*)

Sex software option

Ixx IP

An CPU Runtine

Ixx VNC Runtine with-Machine/Wor RTI

Ixx VNC Runtine with-Client HPI

Task A Do 64

PC Work RT Basic

EPx PCI slot 1

EP1 None

EP2 Open PCI dio

EP3 FI rGuest PCI/533

EP4 FL rGuest PCI/533 VPN

EPx PCI slot 2

EP1 None

EP2 Open PCI dio

EP3 FI rGuest PCI/533

EP4 FL rGuest PCI/533 VPN

Max Master storage

M01 1 GB CompactFlash Card (CF)

M02 2 GB CompactFlash Card (CF)

M03 2 GB CompactFlash Card (CF)

M04 4 GB CompactFlash Card (CF)

M06 8 GB CompactFlash Card (CF)

M08 16 GB Solid State Hard Drive (SSD)

M09 32 GB Solid State Hard Drive (SSD)

M10 64 GB Solid State Hard Drive (SSD)

M11 128 GB Solid State Hard Drive (SSD)

M12 256 GB Hard Drive

M13 512 GB Hard Drive

(*) Future
Valueline flat panel monitors

The Valueline flat-panel monitors (FPM) can be used as a remote display for cabinet-installed PCs or as a secondary screen for Panel PCs. Touch-screen sizes range from 12 inches to 19 inches and feature the same look and feel as Valueline Panel PCs. The FPMs are available with optional front USB.

VL FPM features:
- Resistive touch screen
- 1x VGA input
- 1x DVI-D input
- 2x USB 2.0 plus optional front USB
- 24 V DC powered

Order information

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Order Code</th>
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<tr>
<td>VL FPM 15U</td>
<td>15 inch monitor with front USB</td>
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<td>VL FPM 15S</td>
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<td>15 inch monitor with front USB</td>
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<td>VL FPM 17U</td>
<td>17 inch monitor with front USB</td>
<td>2913019</td>
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<tr>
<td>VL FPM 19U</td>
<td>19 inch monitor with front USB</td>
<td>2913021</td>
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</tbody>
</table>

**FL mGuard router, VPN and firewall**

Protect your Valueline IPC investment by installing an FL mGuard PCI card. The mGuard utilizes a stateful firewall to block unwanted or unnecessary traffic, including malware. The optional VPN (Virtual Private Network) allows you to securely communicate with your devices from anywhere in the world. And because the mGuard utilizes IT-approved standards, changes by the IT department are unnecessary.

The mGuard PCI is integrated into the Valueline, so it requires no external power. With the simple web-based GUI, making configuration changes is easy. The FL mGuard PCI is ideal for adding higher level network and security functions and secure remote connectivity to all of your industrial applications.

**Steeplechase VLC control software**

The fast and easy-to-program Steeplechase VLC package enables users to create control solutions based on flow-chart language. It also features scan times as low as 200 microseconds and a comprehensive instruction set.

**PCWORX control software**

PCWORX is the IEC-61131-based automation software from Phoenix Contact. It is now available in conjunction with the Valueline IPC as a high-performance soft PLC. After the easy installation of the soft PLC, your Valueline IPC performs all control tasks in real time.

The soft PLC is the ideal choice for all applications that place high demands on performance, communication and availability.