

ICP Computec



ASEM
STANDARDS

ASEM
DIGITAL AUTOMATION TECHNOLOGIES

PREMIUM HMI 5

UBIQUITY

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ICP Computec

Our customers can benefit from our experience in the application of Industrial PCs to real-world applications.

Trained by Intel in PC hardware, and by Microsoft in Windows and Windows Embedded operating systems, we can provide expert advice in configuring the right solution for your application.

Our consultancy services are available at all stages of the project, from initial specification through to installation, maintenance and lifetime support.

Our outstanding customer service and fast response makes us your partner of choice for Industrial PCs.

ASEM

ASEM is a manufacturer of a wide range of industrial PCs and monitors and a complete range of HMIs, controls (PAC – Programmable Automation Controllers), Remote Assistance and Industrial IoT gateway solutions.

Founded in 1979, ASEM has a staff of 185 people at its state-of-the-art headquarters in Artergna (Italy) where all the core functions of the company, including R&D, production and test, are located.

ASEM has been a leading participant in the integration of Information and Communication Technologies (ICT) with Machine and Factory Automation Technologies, anticipating the convergence of IT (Information Technology) and OT (Operational Technologies) systems, that today constitutes the basis of the fourth industrial revolution called "Industry 4.0".

ASEM products are optimised for industrial automation and machine-building, and bring a number of key advantages to implementers of the Industry 4.0 and IIoT (Industrial Internet of Things) initiatives.



Products

Panel PCs (RT + HT series)

- RT Series Panels, based on ARM® Cortex A8 and A9 Processors.
- Microsoft Windows Embedded Compact 7 Pro or Linux operating systems.
- HT Series Panel IPCs based on Atom, Celeron and Core™ i3, i5, i7 dual and quad core processors.
- Low power consumption and high computing performance systems, with or without fans.
- Available with TFT LCDs from 6.5" to 24".
- Aluminium, True Flat Aluminium, Stainless Steel True Flat front panels with resistive touchscreens.
- Aluminium / True Flat Aluminium front panels and True Flat Aluminium with glass projected capacitive Multi-touch screen.



HMIs (HMI series)

- Full range of HMI solutions based on X86 or ARM processors.
- Available with Win32/64 and WinCE operating systems.
- 4.3" to 15.6" TFT LCD displays.
- Bundled Premium HMI software.
- Ubiquity remote assistance on all HMIs based on WinCE.



PREMIUM HMI 5

Arm Mounting IPCs (VK +VPC)

- Compact, fanless, ergonomic and easy to install IPC systems.
- Stylish design.
- Compatible with most common mounting standards.
- Based on Intel® Bay Trail™ or Intel® Broadwell™ platform.
- 15.6" - 24" TFT LCDs with LED Backlight.
- Full IP65 aluminium chassis.
- IP65 rated front panels.
- Ubiquity Remote Assistance software included.



Book Mount IPCs (BM series)

- Book mounting IPCs combining high performance, advanced design and configurability.
- Based on Intel® Bay Trail™, Skylake™ and Kaby Lake™ platforms.
- Sturdy aluminium chassis.
- Choice of Windows or Linux OS (BM40).



Box IPCs (PB series)

- A full range of Box IPCs suitable for wall or DIN rail mounting.
- Based on Atom, Celeron, Core™ i3, i5, i7 dual and quad core processors.
- Wide range of options for dimensions and performance level.
- 24VDC Isolated Power Input with Optional UPS.



Rack IPCs (PR series)

- 19" 4U Rack solutions.
- Wide range of configurations - motherboards and expansion slots.
- Intel® Core™ i3, i5, i7 dual and quad core processors.
- Extractable drawers for 2.5" or 3.5" mass storage.
- 0 to 40°C Operating temperature range.



Industrial Monitors (MH + MK)

- MH Series Industrial Monitors for Panel-Mounting.
- LCD displays from 8.4" to 24", with 4:3, 5:4 or Wide format.
- Four front panel variants available.
- MK Series Industrial Monitors for Arm-Mounting.
- Compact, fanless, ergonomic and easy to install.
- Compatible with most common mounting standards.
- Available with 15.6", 18.5", 21.5" and 24" TFT LCDs.
- Full IP65 aluminium chassis.
- Remotation technology available on MHR100 and MKR100.



Ubiquity Routers

- RK and RM family of routers enable remote access and monitoring.
- Ideal solution for plants, processes, manufacturing cells and individual machines. Secure communications via proprietary VPN.
- Eleven models offer a wide range of features and functions to suit every application.
- Premium HMI runtime bundled with RM series routers.



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