HMI Series
Industrial Panel PC & Monitors

Kontron’s Panel PCs and Monitors offer a wide range of processor capacities and display sizes. Displays in widescreen or regular format from 5.0” to 23.8” and touch functionalities (PCAP or resistive) increase intuitive usability. Fieldbus interfaces, integrated with server/browser and CODESYS® Soft-PLC as an option enable flexible visualization solutions.

- **FlatClient/FlatView**
  - Industrial HMI - Flexibility in size, format and performance
  - Display sizes in regular or wide format (10.0” - 23.8”)
  - Front options: PCAP touch, resistive touch or protection glass
  - Panel PC: EID version (Intel® Atom™ Quad Core™) and PRO version (Intel® Core™) available
  - Industrial grade – robust, reliable, versatile and maintenance-free
  - Flexible mounting options: Build-in version or stand-alone/VESA in a full metal housing

- **MediClient/MediView**
  - Easy connection to hospital IT, connectivity wireless (WiFi, BT) or via isolated Ethernet interfaces and isolated serial ports
  - Anti-glare and anti-finger print surface finish for best readability
  - Seameless, flush all-glass front for best cleanability
  - Robust powder coated stainless steel housing
  - PCAP touch operation even with medical gloves
  - Customization such as branding, I/Os, PCAP touch operation even with medical gloves
  - IP65 aluminium front bezel, optional stainless steel
  - Salt spray tested according to IEC 60068-2-52
  - IEC 60601-1 compliant

- **FlatClient/FlatView HYG**
  - Industrial HMI with IP69K for maritime applications
  - Display sizes ranging from 10.1” to 21.5”
  - Optional MicroBrowser, requires very low performance and EN 60945 and DNVGL compliant
  - Display sizes: 5.0”, 7.0”, 10.1” and 15.6” versions
  - Scalable performance from Intel Atom® to Intel® Core™ i5
  - Flexible mounting with support arm or VESA

- **FlatClient MAR**
  - Robust and flexibly configurable Panel PC for maritime applications.
  - EN 60064 and EN 61555 compliant (control room, accommodation, bridge)
  - Scalable performance from Intel® Atom™ to Intel® Core™ i5
  - Salt spray tested according to IEC 60068-2-52
  - Display sizes ranging from 13.3” to 21.5”
  - Glare-free and completely flush glass front
  - Remotely controllable backlighting for excellent readability and clear visibility

- **Open Frame Monitor**
  - Industrial Open Frame Monitor for max. flexibility
  - Industrial grade – robust, reliable, versatile and maintenance-free
  - Lightweight open frame monitor for easy installation
  - TFT LED display: 15’’/17’’
  - Modular configuration, e.g. Touch Screen: capacitive, resistive or protection glass
  - Front: diverse options, e.g. aluminium, stainless steel, for 19” rackmount etc.

- **WP Web Panel/CPL Control Panel**
  - Scalable Panel PCs with NXP Arm® Single/Dual/Quad Core processors
  - Flexible performance with NXP Arm® M0/M4/M4-Plus 4-Coe.
    Arm®/M0/M4-Plus 4 Core or Arm® i.MX Single/Dual Core processors
  - Capacitive multi-touch
  - Display sizes: 5.0”, 7.0”, 10.1” and 15.6” versions
  - IP65 aluminium front bezel, optional stainless steel
  - QIWI Software-Toolkit improves performance and simplifies configuration
  - Optional MicroBrowser requires very low performance and fits perfectly to CODESYS® web server
  - CODESYS® Soft-PLC, various fieldbus options

About Kontron
Kontron is a global leader in IoT/Embedded Computing Technology (ECT) and offers individual solutions in the areas of Internet of Things (IoT) and Industry 4.0 through a combined portfolio of hardware, software and services. With its standard and customized products based on highly reliable state-of-the-art technologies, Kontron provides secure and innovative applications for a wide variety of industries. As a result, customers benefit from accelerated time-to-market, lower total cost of ownership, extended product lifecycles and the best fully integrated applications.

For more information, please visit: [www.kontron.com](http://www.kontron.com)

About the Intel® Partner Alliance
From modular components to market-ready systems, Intel and the over 1000 global member companies of the Intel® Partner Alliance provide scalable, interoperable solutions that accelerate deployment of intelligent devices and end-to-end analytics. Close collaboration with Intel and each other enables Alliance members to innovate with the latest IT technologies, helping developers deliver first-in-market solutions.

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## HMI Series

### Industrial Panel PC & Monitors

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<thead>
<tr>
<th>FlatClient/FlatView</th>
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<th>Open Frame Monitor</th>
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### Display Size/Resolution

- **RF**: Regular Format
- **WF**: Wide Format

### Mounting

- **Panel PC**
- **Open Frame Monitor**

### Processor

- **Intel® Core™ i5-1145G7E/i7-1185G7E**
- **Intel® Celeron® 6305E**
- **Intel® Core™ i5-8365UE**
- **Intel® Celeron® 4305UE**
- **Intel® Pentium® Quad Core™ N4200**

### Interfaces

- **ECO Line**:
  - 2x GbE, 4x USB 3.1
- **PRO Line**:
  - 2x GbE, 1x HDMI, 1x Display Port, 4x USB 3.0

### Protocols

- **Ethernet IP**
- **Profinet**
- **EtherCAT**
- **Modbus TCP/RTU**
- **OPC UA**
- **MQTT**

**Learn more about Kontron’s Panel PCs and Monitors:**

www.kontron.com/products/systems/panel-pc

www.kontron.com/products/systems/monitors