

# Modular Panel PC

## SmartClient

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

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#### » Modular Design

Flexible combination among box modules and display modules

#### » Rugged Design

Fanless, IP65 front panel, 7H glass hardness & fully flat surface without gap

#### » Friendly & Intuitive User Interface

10-point PCAP multi-touch panel

### Your Contact

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**kontron**  
The Power of IoT

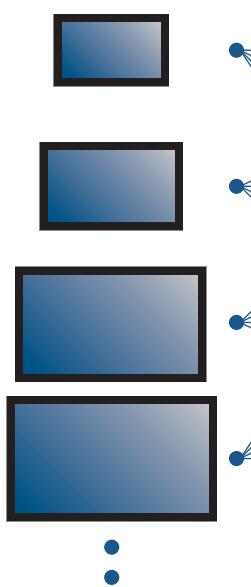
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# Modular Panel PC

The SmartClient features its modular design composed of a computing box module and a touch display module, allowing a flexible combination chosen from a variety of computing performance options and I/O connectivity options and paired with a variety of display size options.



## 1 Touch Display Modules



## 2 Computing Box Modules



### Enhanced Flexibility

Flexible combination chosen from a variety of computing performance options, display size options and I/O connectivity options



### Enhanced Upgradability

Easy to remain the system up-to-date by replacing the box module with a next-gen one without disposing the entire system



### Enhanced Maintainability

Easy to maintain / replace the broken-down module to reduce down-time and to improve overall maintenance efficiency

# SmartClient

## Modular Panel PC



SmartClient-AMH/ADH

<b>System</b>	<b>Processor</b>
	Intel® Atom® x7211RE (2C, 6M, 1.0/3.2 GHz, 6 W) x7433RE (4C, 6M, 1.5/3.4 GHz, 9 W) Intel® Core™ i3-N305 (8C, 6M, 1.8/3.8 GHz, 15 W) Intel® N97 (4C, 6M, 2.0/3.6 GHz, 12 W)
	<b>Memory</b>
	1x DDR5 4800 SO-DIMM
	<b>Graphics Controller</b>
	Intel® UHD Graphics Gen12
	<b>Ethernet Controller</b>
	Intel® I226-V/IT
<b>Display</b>	<b>Display Size</b>
	21.5" 16:9 10-pt PCAP (1920 x 1080)
<b>Peripheral Connection</b>	<b>2.5 GbE</b>
	2 (TSN support <sup>(1)</sup> )
	<b>DP / HDMI 2.0</b>
	1 (4K@60Hz) / 1 (4K@60Hz)
	<b>DP over USB Type-C</b>
	1 (USB 3.2 Gen 2 / USB 2.0)
	<b>USB 3.2 Gen 2 / USB 2.0</b>
	2 / 2
	<b>RS232/422/485</b>
	4 <sup>(3)</sup>
	<b>Line-Out / Mic-In</b>
	1 / 1
<b>Storage &amp; Expansion</b>	<b>2.5" SATA 3.0 HDD or SSD</b>
	1
	<b>M.2 Key B</b>
	1 (PCIe x1 / USB 2.0 / UIM)
	<b>M.2 Key E</b>
	1 (PCIe x1 / USB 2.0 / CNVi <sup>(4)</sup> )
	<b>M.2 Key M</b>
	1 (SATA (default) / PCIe x1 (optional))
<b>Power</b>	<b>Input Voltage</b>
	DC 9 V ~ 36 V
<b>Security</b>	<b>TPM</b>
	dTPM 2.0
<b>Cooling</b>	<b>Cooling Method</b>
	Passive
<b>Software</b>	<b>OS Support</b>
	Windows 11, Windows 10, Linux
<b>Mechanical</b>	<b>Construction</b>
	Panel Module + Box Module
	<b>Dimensions (W x H x D)</b>
	521.5 mm x 316.2 mm x 88.0 mm (21.5")
	<b>Mounting</b>
	Panel Mount VESA Mount (100 mm x 100 mm)
<b>Environmental</b>	<b>Operating Temperature</b>
	0 °C~ 50 °C
<b>Compliance</b>	<b>EMC</b>
	CE, FCC, ICES & UKCA Class B
	<b>Ingress Protection</b>
	IP65

<sup>(1)</sup> TSN support only for Atom®

<sup>(2)</sup> Only USB 3.2 Gen 1 support for Atom® x7000RE

<sup>(3)</sup> 2x support full signal & 2x support Tx/Rx for RS232

<sup>(4)</sup> Atom® x7000RE does not support CNVi