



## 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 1,000+ 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 IoT technologies, helping developers deliver first-in-market solutions.

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## Modular Panel PC

SmartClient



### › 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

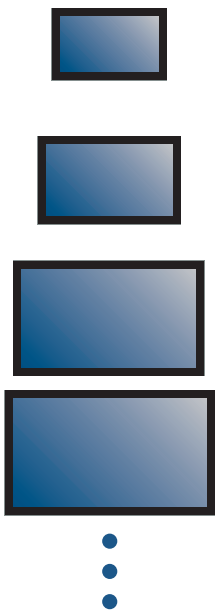


# Modular Panel PC

The SmartClient features its modular design composed of a computing box module and a touch display module, allowing a flexible combination chosed 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 chosed 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

System	Processor	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)
	Memory	1x DDR5 4800 SO-DIMM
	Graphics Controller	Intel® UHD Graphics Gen12
	Ethernet Controller	Intel® I226-V/IT
Display	Display Size	21.5" 16:9 10-pt PCAP (1920 x 1080)
Peripheral Connection	2.5 GbE	2 (TSN support <sup>(1)</sup> )
	DP / HDMI 2.0	1 (4K@60Hz) / 1 (4K@60Hz)
	DP over USB Type-C	1 (USB 3.2 Gen 2 <sup>(2)</sup> w/ PD 5 V / 3 A)
	USB 3.2 Gen 2 / USB 2.0	2 / 2
	RS232/422/485	4 <sup>(3)</sup>
	Line-Out / Mic-In	1 / 1
	Storage & Expansion	2.5" SATA 3.0 HDD or SSD
Storage & Expansion	M2. Key B	1 (PCIe x1 / USB 2.0 / UIM)
	M.2 Key E	1 (PCIe x1 / USB 2.0 / CNVi <sup>(4)</sup> )
	M.2 Key M	1 (SATA (default) / PCIe x1 (optional))
	Power	Input Voltage
Power	Input Voltage	DC 9 V ~ 36 V
Security	TPM	dTPM 2.0
Cooling	Cooling Method	Passive
Software	OS Support	Windows 11, Windows 10, Linux
Mechanical	Construction	Panel Module + Box Module
	Dimensions (W x H x D)	521.5 mm x 316.2 mm x 88.0 mm (21.5")
	Mounting	Panel Mount VESA Mount (100 mm x 100 mm)
	Environmental	Operating Temperature
Environmental	Operating Temperature	0 °C~ 50 °C
Compliance	EMC	CE, FCC, ICES & UKCA Class B
	Ingress Protection	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