



## 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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## Panel PC

RuggedClient



### › Low-power Computing Platform

Intel® Core™ U-Series & Atom® Series low-power processors

### › Rugged Design

Fanless, IP65 rating front

### › User-friendly Interface

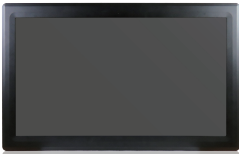
5-wire resistive touch screen

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# RuggedClient

## Panel PC



RuggedClient-KLU



RuggedClient-EKL

System	Processor	Intel® Core™ i7-7600U (2C, 4M, 2.8/3.9 GHz, 15 W) i5-7300U (2C, 3M, 2.6/3.5 GHz, 15 W) i3-7100U (2C, 3M, 2.4 GHz, 15 W) Intel® Celeron® 3965U (2C, 2M, 2.2 GHz, 15 W)
	Memory	2x DDR4 2133 SO-DIMM
Video	Graphics Controller	Intel® HD Graphics 620 (Core™) Intel® HD Graphics 610 (Celeron®)
	Display	21.5" 16:9 5-wire resistive (1920 x 1080)
	DP / HDMI 2.0	1 (4K@60Hz) / 1 (4K@60Hz)
Audio	Line-In / Line-Out / Mic-In	1 / 1 / 1
Network Connection	Ethernet Controller	Intel® I219-LM & Intel® I210-AT
	2.5 GbE / GbE	0 / 2
Peripheral Connection	USB 3.2 Gen 2 / 3.2 Gen 1 / USB 2.0	0 / 4 / 0
	RS232/422/485	2
Storage & Expansion	2.5" SATA 3.0 HDD or SSD	1
	mPCIe	1 (PCIe x1 / USB 2.0 / UIM)
	M2. Key B	1 (USB 2.0 / SATA 3.0 / UIM)
	M.2 Key E	0
	M.2 Key M	0
	Input Voltage	DC 12 V
Power	Security	dTPM 2.0 (Core™ i7 / i5)
Security	Cooling Method	Passive
Cooling	OS Support	Windows 10, Linux
Software	Construction	Metal Chassis + Aluminum Front Bezel
	Dimensions (W x H x D)	542.6 mm x 339.2 mm x 59.8 mm
	Mounting	Panel Mount Wall Mount (VESA 100 mm x 100 mm)
Environmental	Operating Temperature	0 °C ~ 50 °C
Compliance	EMC & Safety	CE Class A, FCC Class A
	Ingress Protection	IP65 (front)

Intel® Atom® x6211E (2C, 1.5M, 1.3/3.0 GHz, 6 W) x6212RE (2C, 1.5M, 1.2 GHz, 6 W) x6425RE (4C, 1.5M, 1.9 GHz, 12 W) Intel® Celeron® J6413 (4C, 1.5M, 1.8/3.0 GHz, 10 W)
2x DDR4 3200 SO-DIMM
Intel® UHD Graphics for 10th Gen Intel® Processors
21.5" 16:9 5-wire resistive (1920 x 1080)
2 (4K@60Hz) / 0
1 / 1 / 1
Intel® I226-LM/IT
2 (TSN support*) / 0
2 / 0 / 4
2
1
0
1 (PCIe x1 / USB 2.0 / UIM)
1 (PCIe x1 / USB 2.0 / SDIO / UART / PC)
1 (PCIe x1 / SATA 3.0)
AC 100 V ~ 240 V
dTPM 2.0
Passive
Windows 10, Linux
Metal Chassis + Aluminum Front Bezel
542.6 mm x 339.2 mm x 64.5 mm
Panel Mount Wall Mount (VESA 75 mm x 75 mm / 100 mm x 100 mm)
0 °C ~ 50 °C / 32 °F ~ 122 °F
CE Class B, FCC Class B, ICES Class B, UKCA, UL
IP54 (front)

\* TSN support only for Atom® RE Series