

KPanel S-AML/ADN

Industrial Panel PC



All-in-one Panel PC for Visualization and Control on Machines, Devices and Plants

- Easy installation and fault-free operation for lowest TCO
- Perfect ergonomics with excellent readability and operability
- Flexible compute performance with Intel® N-series, Intel® Core™ i3 N-Series and Intel Atom® X7000 Series
- Ready for application software or integrated web panel functionality

	FEATURES	KPANEL S-ADN	KPANEL S-AML
DISPLAY	SIZE RESOLUTION BRIGHTNESS VIEWING ANGLE BACKLIGHT	15.6" (16:9, landscape or portrait) Full-HD (1920x1080) 400 cd/m ² H170°/V170° Life time ≥ 50.000 h	
TOUCH	TOUCHSCREEN FRONT LENS	Projected capacitive touch (PCAP); 10-Finger multitouch tempered glass, anti-fingerprint, anti-glare, edge protected	
PROCESSING UNIT	PROCESSOR RAM STORAGE	Intel® N97 (4x3,6 GHz, 12W) Intel® Core™ i3-N305 (8x3,8GHz, 15W)	Intel Atom® x7211RE (2x3,2GHz, 6W) Intel Atom® x7433RE (4x3,4GHz, 9W) Intel Atom® x7835RE (8x3,6GHz, 12W) 8/16 GB DDR5 128 ... 1024 GB (m.2 SATA) 256 ... 1024 GB (2,5" SATA, exchangeable)* 256 ... 1024 GB (RAID 1, Raid 0 supported, exchangeable)* CFAST (Slot)
INTERFACES	STANDARD INTERFACES OPTIONAL INTERFACES* CONTROLS* POWER IN	2x 2.5 GbE 2x USB 3.2 Gen 2 (Type A Connector) 1x USB 3.2 Gen 2 (Type C Connector) 1x USB 2.0 (Type A Connector) 2x DP RS232, Audio Line-out, WiFi 6, Bluetooth, Speaker out (2W) PWR switch, USB 3.0 (external accessible) 24V DC (14-32V DC)	
SOFTWARE SUPPORT	OPERATING SYSTEM WEBPANEL	Win10 IoT Enterprise, Win 11 IoT Enterprise, Linux (Debian), KontronOS** QIWI***	
MECHANICAL	HOUSING MOUNTING COOLING	Powder coated metal housing VESA 75/100, Support Arm Fanless, passive cooling	
ENVIRONMENTAL	OPERATING TEMPERATURE STORAGE TEMPERATURE PROTECTION CLASS HUMIDITY ALTITUDE SHOCK VIBRATION IMPACT PROTECTION MTBF	0 °C to +50 °C -20°C to +70 °C IP65 10 %-90 % @ 39 °C, non condensing Up to 3.000m (10.000 ft) 15 G 11 ms duration (half sine; ACC. TO EN 60068-2-27) 10-500 Hz: 1G/3 axis (ACC. TO EN 60068-2-6) IK06 50.000h	
APPROVALS	CERTIFICATIONS	CE, UL 61010****, CB****, FCC****	

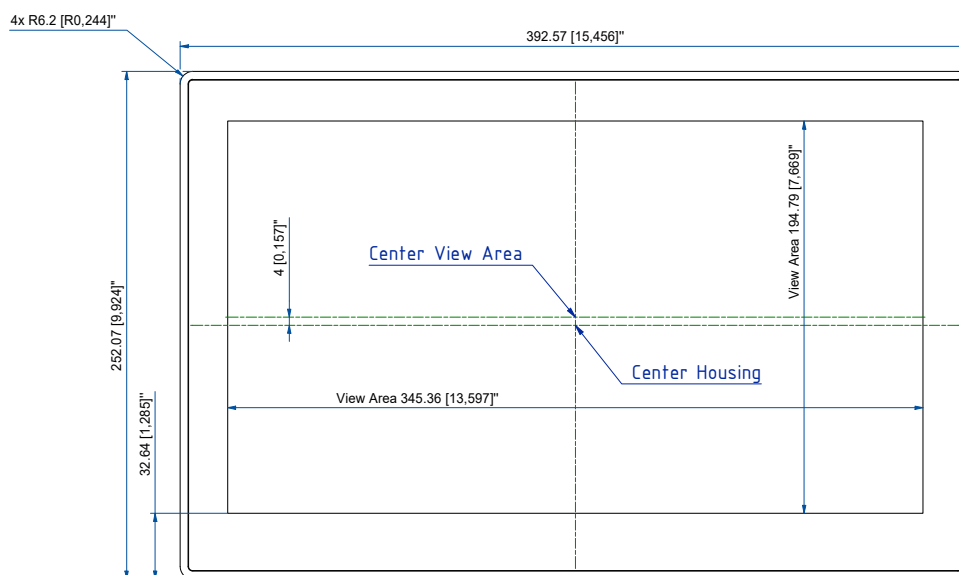
*Configuration Option

**Hardened and secure Linux®-based KontronOS operating system/on request

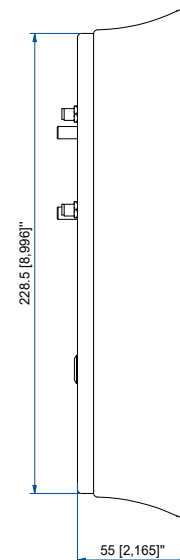
***QIWI-Toolkit: For web panel operation

****in preparation

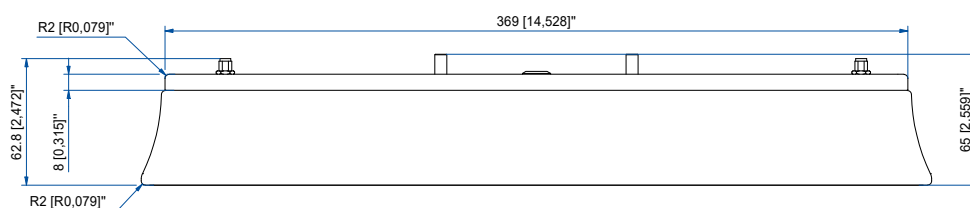
Front View



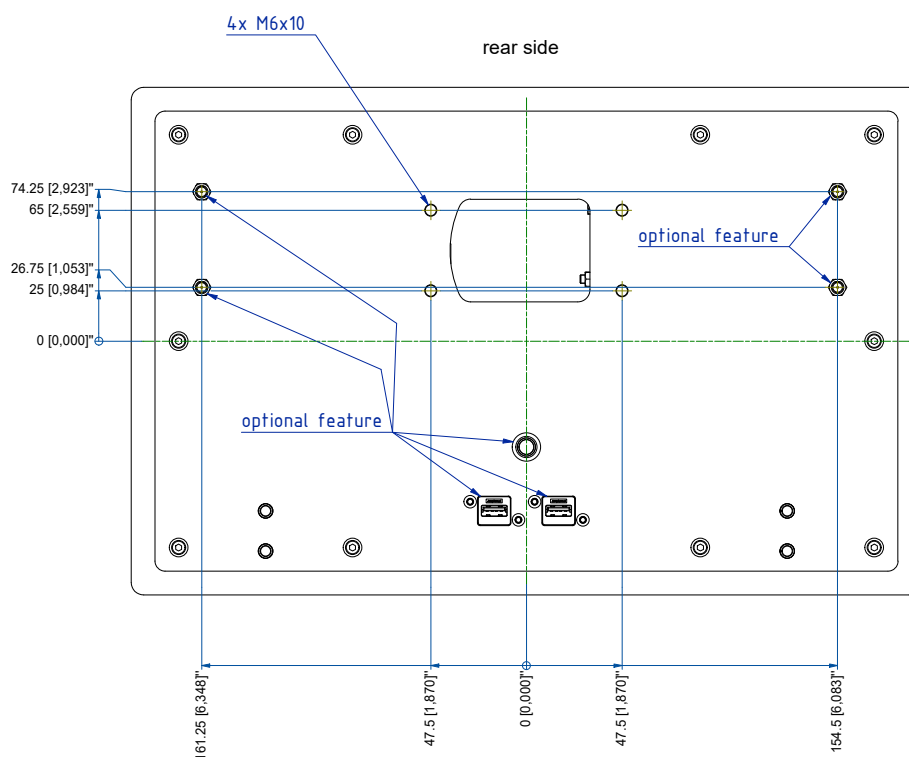
Side View



Top View



Rear View



Global Headquarters

Kontron Europe GmbH

Gutenbergstraße 2
85737 Ismaning, Germany
Tel.: + 49 821 4086-0
info@kontron.com

www.kontron.com

