

# KONTRON FlatClient RCK

---



## CLEAR VISUALIZATION FOR 19" CABINETS

- ▶ Display size 19.0" with slim bezel for 19" Rackmounting
- ▶ Front option: PCAP or protection glass
- ▶ ECO version (Intel Atom® Quad Core™) and PRO version (Intel® Core™ i5) available
- ▶ Industrial grade – robust and reliable
- ▶ Front IP65 protected

POSSIBILITIES START HERE



**kontron**

## FlatClient RCK

### CLEAR VISUALIZATION FOR 19" CABINETS

The Kontron FlatClient RCK Panel PC series offers brilliant screens with an anti-glare surface for best readability. Everything is packed in a robust metal housing flush with front surface including mounting points for 19" racks which allows quick and easy installation in a cabinet.

The FlatClient RCK is also available with projected capacitive touch (PCAP) which increases intuitive usability without keyboard or mouse.

#### ► TECHNICAL INFORMATION

	ECO LINE	PRO LINE
DISPLAY SIZE	19.0" (others on request)	19.0" (others on request)
RESOLUTION	1280 x 1024	1280 x 1024
BRIGHTNESS	350 cd	350 cd
CONTRAST RATION	1000:1	1000:1
VIEWING ANGLE	H170° / V160°	H170° / V160°
LED BACKLIGHT	Life time => 50.000 h (30.000 h for 23.8")	Life time => 50.000 h (30.000 h for 23.8")
TOUCH SCREEN	Projected capacitive touch (PCAP) / Protection glass	Projected capacitive touch (PCAP) / Protection glass
MOUNTING	19" rackmount	19" rackmount
PROCESSOR	Intel® Celeron® Quad Core™ J1900 Intel® Pentium® Quad Core™ N4200	Intel® Core™ i5-4300U Intel® Core™ i5-6300U Intel® Core™ i5-7300U
RAM	4 GByte DDR3 SO-DIMM	Intel® Core™ i5-4300U: 4 GByte DDR3 SO-DIMM Intel® Core™ i5-6300U / Intel® Core™ i5-7300U: 4 GByte DDR4 SO-DIMM
STANDARD INTERFACES	Intel® Celeron® Quad Core™ J1900: 2x GbE, 1x HDMI, 1x VGA, 1x USB 3.0, 2x USB 2.0 Intel® Pentium® Quad Core™ N4200: 2x GbE, 1x HDMI, 1x DP, 4x USB 3.0	Intel® Core™ i5-4300U: 3x GbE, 2x Display Port, 4x USB 3.0 Intel® Core™ i5-6300U / Intel® Core™ i5-7300U: 2x GbE, 1x HDMI, 1x Display Port, 4x USB 3.0
WIRELESS INTERFACES	RFID, WiFi	RFID, WiFi
POWER SUPPLY	16-30 VDC	16-30 VDC
EMC	EN55022 class B	EN55022 class B
CERTIFICATIONS	CE, cULus	CE, cULus
ALTITUDE	Up to 10.000 ft (3.000 m)	Up to 10.000 ft (3.000 m)
SHOCK, ACCORDING TO EN 60068-2-27	15 G 11 ms duration (half sine)	15 G 11 ms duration (half sine)
VIBRATION, ACCORDING TO EN 60068-2-6	10-500 Hz: 1G/3 axis	10-500 Hz: 1G/3 axis
OPERATING TEMPERATURE	0 °C to +50 °C	0 °C to +50 °C
PROTECTION CLASS	IP65 front, IP20 rear	IP65 front, IP20 rear
HUMIDITY	10 % - 90 % @ 39 °C, non condensing	10 % - 90 % @ 39 °C, non condensing
MTBF	> 50.000 h	> 50.000 h
VERIFIED OS	Windows7 incl. Embedded, Windows8.1 incl. Embedded, Windows 10 IoT, Linux	Intel® Core™ i5-7300U: Windows8.1 incl. Embedded, Windows 10 IoT, Linux all other CPUs: Windows7 incl. Embedded, Windows8.1 incl. Embedded, Windows 10 IoT, Linux
RoHS COMPLIANT	Yes	Yes
COOLING	Fanless passive cooling	Fanless passive cooling
WEIGHT	9,4 kg	9,4 kg
OPTIONS (FURTHER OPTIONS ON REQUEST)	Other Intel® CPUs/Platforms on request 8 GByte RAM CF/SD Card Adapter SD Card Memory 4 GB, 16 GB, 32 GB, 64 GB mSATA SSD 32 GB, 64 GB, 128 GB, 256 GB, 512 GB 2x COM (RS232, RS422, RS485) Audio with amplifier (2x 3 W) CF Card Memory WiFi RFID	Other Intel® CPUs/Platforms on request 8 GByte RAM 16 GByte RAM (i5-6300U, i5-7300U) CF/SD Card Adapter SD Card Memory 4 GB, 16 GB, 32 GB, 64 GB mSATA SSD 32 GB, 64 GB, 128 GB, 256 GB, 512 GB Intel® Core™ i5-6300U / Intel® Core™ i5-7300U: m.2 SSD 32 GB, 64 GB, 128 GB, 256 GB, 512 GB, 1024 GB (1 TB) 2x COM (RS232, RS422, RS485) Audio with amplifier (2x 3 W) CF Card Memory WiFi RFID

#### ► GLOBAL HEADQUARTERS

#### KONTRON S&T AG

Lise-Meitner-Str. 3-5  
86156 Augsburg, Germany  
Tel.: + 49 821 4086 0  
Fax: + 49 821 4086 111  
info@kontron.com  
[www.kontron.com](http://www.kontron.com)