

# KONTRON FlatClient RCK

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## 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

# 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™ i5-6300U Intel® Core™ i5-7300U Intel® Core™ i5-8365UE Intel® Celeron® 3965U Intel® Celeron® 4305U
RAM	4 GByte DDR3 SO-DIMM	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™ i5-6300U/7300U/Intel® Celeron® 3965U: 2x GbE, 1x HDMI, 1x Display Port, 4x USB 3.0 Intel® Core™ i5-8365UE/Intel® Celeron® 4305U: 2x GbE, 2x Display Port, 4x USB 3.1
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™ i5-6300U: Windows7, Windows 10 IoT, Linux all other CPUs: Windows 10 IoT, Linux
RoHS COMPLIANT	Yes	Yes

## ▶ TECHNICAL INFORMATION

	ECO LINE	PRO LINE
<b>COOLING</b>	Fanless passive cooling	Fanless passive cooling
<b>WEIGHT</b>	9,4 kg	9,4 kg
<b>OPTIONS (FURTHER OPTIONS ON REQUEST)</b>	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 CF/SD Card Adapter SD Card Memory 4 GB, 16 GB, 32 GB, 64 GB Intel® Core™ i5-6300U / Intel® Core™ i5-7300U: m.2 SSD, 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

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