



AEON
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INDUSTRIAL RUGGED TABLET

MODEL NAME	RTC-710RK	
CPU	Rockchip RK3399K	
CPU SPEED	QuadCore A53 1.6GHz DualCore A72 2.0GHz	
GPU	Adreno GPU 619	
OPERATING SYSTEM	Android 8.1	
RAM	Onboard LPDDR4 2GB (Default) 4GB	
ROM	eMMC 16GB 32GB 64GB	
DISPLAY		
DISPLAY TYPE	7" WXGA with LED backlight	
MAX RESOLUTION	1280 x 800	
TOUCH SYSTEM	Projected Capacitive Multi-Touch screen	
BRIGHTNESS (cd/m ²)	300	700
I/O		
INTERFACE	1x SIM Card Slot, 1x USB 3.2 Gen1 Type-C, 1x USB 2.0 Type A 1x Micro SD slot, 1x UART port (Via I/O), 1x RJ45 10/100/1000 Base-T	
AUDIO	1x Φ3.5mm earphone jack, 1x speaker 8Ω/0.8W	
DC	1x DC-in jack	
CONTROL BUTTONS	F1: Audio ON/OFF F2: Screenprint F3: Barcode Scanner Trigger Volume up Volume down	
CAMERA		
FRONT	8.0MP	
REAR	8.0MP with Flash	
POWER INPUT		
MASTER BATTERY	7.2V, 4540 mAh, 32.7W	
SLAVE BATTERY	Hot-swappable: 7.4V, 1530 mAh, 11.3W (Optional)	
ENDURANCE	Li-ion Battery 8-hour life based on test configurations	
ADAPTER	AC 100~240V, 50~60Hz, Output: 12V / 3.34A / 40W	
ENVIRONMENTAL		
OPERATING TEMPERATURE	-20°C ~ +60°C for high-brightness version	
STORAGE TEMPERATURE	-30°C ~ +70°C	
HUMIDITY	MIL-STD 810G Method 507.5	
SEALING	IP65	
VIBRATION	MIL-STD-810G Method 514.6	
DROP	MIL-STD-810G Method 516.6 Procedure IV; Height of drop: 122cm	
SHOCK	MIL-STD-810G	
ESD	Air charge: +/- 8KV, Contact charge: +/- 4KV	
CERTIFICATIONS	UL62368-1, CE, FCC, IC	

APPLICATION MODULES	
WIRELESS	WiFi 802.11 b/g/n
BLUETOOTH	Bluetooth v4.2 EDR + BLE
SENSORS	G-Sensor E-compass Gyro-sensor Light-sensor
EXPANSION SLOTS	1x M.2 1x USB3.2 Gen1 docking connector LTE via M.2 slot (Optional)
WWLAN	Note: Hot-swappable battery can not be used when LTE is installed
GPS	GPS + GLONASS (default) BeiDou (Opt.) External antenna (Opt.)
HF RFID (Optional)	ISO15693 (R/W), ISO18092 (R/W), ISO1443-A (R/W), ISO14443-B (R/W)
BARCODE (Optional)	2D Barcode Scanner, OPTICON MDI-4100-USB via I/O
MECHANICS	
DIMENSIONS	219.8 x 138.8 x 23.9 mm
WEIGHT	0.715 kg
COLOUR	Dark grey
MECHANICS	
ACCESSORIES	Docking station Hand strap Carry bag 4-Bay Battery Charger VESA Mount Plate Battery Pack 2x 7.4V, 1530mAh Various adapters

