ATC-53R

Features

◆ **Intel Elkhart Lake Celeron N6210 (6.5W TDP)**
◆ **Accelerated AI Hailo-8 M.2 up to 20 TOPS**
◆ **Fan-less design even with AI Card**
◆ **Low Power consumption**
◆ **Optional Barcode Scanner**
◆ **Ideal size for a portable tablet**

Introduction

ATC-53R is the ideal tablet size for portable devices. Built-in with Win10 LTSC and 10.1" 800 x1280 HD LCD panel, ultimate optical bonding to *AG and AR coating* and cover with Gorilla® class 3 with IK06. P-CAP touch with multi-touch support. Moreover, optional upgrade solution with *AI Hailo-8 M.2* to make tablet fill with high computation power. With the on-device AI card, the latency of sending data to the cloud for processing is eliminated. This ensures real-time performance, crucial for applications like augmented reality and real-time translation. Besides, Hailo AI chips are designed to be *power-efficient*, which means the tablet can perform heavy AI tasks without significantly draining the battery. This is crucial for maintaining longer usage times. The medical license tablet precisely suits medical applications, such as *Nurses, Telemedicine, pharmacists, radiologists, and cardiologists.*

System & Storage	
Processor	Intel Elkhart Lake Celeron N6210 (6.5W TDP)
Operating System	Windows 10 IoT Enterprise LTSC (TPM 2.0)
AI Module	Hailo-8 M.2 ET Module Key A+E (Optional)
Memory	4G (up to 8GB) LPDDR4x
Storage	64G (up to 128GB) eMMC

Display	
Display	10.1" 800 x1280 HD LCD panel
Cover Glass	Gorilla® class 3 with IK06
Coating	AG/AR and PF will be optional
Touch	P-CAP touch with multi-touch support (10 points touch) direct bonding with the LCD panel

Sensors&Button & ME	
Sensors	G-sensor Ambient Light sensor
Buttons	1 x power button; 2 x Vol key +/- ; 1 x barcode/ programmable key
LED	1 x LED indicator (tri-color) for power and battery
I/O	1 x Mic-in/Line-out combo jack, Speaker 1 x 2W
	1 x USB 3.1 Type-C support DP Alt Mode/Data/Charging
	Power rating: 100V-240Vac, 50-60Hz, 1.5-0.6A; Output : 19Vdc, 4.74A
	1 x USB 3.0 Type-A
	1 x AIM dock pogo connector (USB3.0).

Camera	
Front Camera	2 MP FF front Camera
Rear Camera	5 MP AF rear camera with flash LED

Communication	
WiFi	WiFi IEEE 802.11a/b/g/n/ac/ax
Bluetooth	BT 5.3
Battery	10.8V/4550mAh/50.32Wh
Environment	Mechanical Construction
IP Rated	Whole unit rated IP65
	Corner bumper protection
Power Adapter	Medical grade 65W/20V/2.25A

Operating Temperature	
None Charging Mode	0°C ~ 40°C (32°F ~ 104°F)
Charging Mode	0°C ~ 35°C (32°F ~ 95°F)
Storage Temperature	-20 ~ 60°C (-4°F ~ 130°F)

Rugged Features	
Drop Test	1.2m
Shock	IEC60068-2-27 (not compulsory)
Vibration	IEC60068-2-64 (not compulsory)

Certification	
	IEC60601
	CE
	FCC
	BSMI

Dimension (W x D x H) & Weight	
	281x184x18.5mm
	1078g typical