



ART10-ECA

10" Rugged Tablet Device with Windows



Features

- 10.1" IPS TFT LCD 1200 x 1920 (FHD)
- Embedded 1D/2D barcode scanner (Optional)
- Extremely thinnest industrial tablet under 15mm
- 1m (3.3ft.) drop resistance
- Fully rugged IP65 to protect from dust and water
- Optical Bonding for Sunlight readable



1D/2D
Barcode



Bluetooth 5.4



Wi-Fi 6E

System

CPU	Intel® Twin Lake N150
OS	Windows 11 IoT Enterprise 24H2
Memory	LPDDR5 8G
Storage	UFS 128GB

LCD Display

Size/Type	10.1" IPS TFT LCD
Resolution	1200 x 1920 (FHD)
Brightness(cd/m ²)	400 cd/m ² (MIN)

Peripherals and Devices

Sensor	Accelerometer (G-sensor) Gyroscope
Barcode Scanner	Zebra SE4710 (Optional)
Audio	2 x built-in microphone 1 x built-in speaker
Camera	Front: 5MP ; Rear: 5MP

Wireless

WLAN	Wi-Fi 6E
Bluetooth	BT 5.4

I/O Interface

USB Port	1 x USB-C support USB 3.0, DP, PD3.0 1 x USB-A support USB 3.0
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Qualification

Certification	CE(Planning), FCC(Planning), TELEC(Planning), CCC(Planning), KC(Planning)
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Durability Features

IP-65 certified
1m (3.3ft.) drop-resistance

Power Supply

Power input	20V DC/ 2.25A through USB-C port
Battery capacity	1 x 7.6V, 5000mAh, 38Wh (Removable battery pack)

Key

Physical Buttons	Volume, Barcode Trigger, Power Button
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Mechanical & Environmental

Operating Temp.	-10°C ~ 50°C (14°F ~ 122°F) (AC mode)
Storage Temp.	-30°C ~ 70°C (-22°F ~ 158°F)
ESD	±15kV Air-discharge ±8kV Contact-discharge
Relative Humidity	10% ~ 90% RH
Dimension (W x H x D)	246.1 x 164.2 x 14.9 mm (9.69" x 6.46" x 0.59")
Weight	950g (w/ Battery)

Multi-function Expansion

Pogo-pin	Back-side, USB 3.0 Down-side, USB 2.0
Optional Function Expansion Modules	NFC, LTE and USB or by customer's request



Standard Accessories

Part Name	Description
Lithium Battery	1 x Li-polymer Battery, 7.6V, 5000mAh
PD Adapter	45W USB-C PD Adapter, AC Input: 100-240VAC, 50/60Hz, 0.6A; DC Output: 20VDC/2.25A

Optional Accessories

Part Name	Description	
Hand Strap	Hand Strap	
Shoulder Strap	Shoulder Strap	
Office Dock-STD (Coming soon)	1 x USB 2.0 Type-C (support power only) 4 x USB 2.0 Type-A (support data only) 1 x 8-pin POGO for Docking (USB 2.0 data and Power output for ART10-ECA) 1 x 4-pin POGO for Docking (power supply for single battery charging)	
Office Dock-POS (Coming soon)	1 x RJ-45 Ethernet Port (10/100 Mbps) 1 x RJ-11 Port, for Cashdrawer 2 x RJ-45 COM port (RS232/422/485) 1 x USB 2.0 Type-C (support power only) 4 x USB 2.0 Type-A (support data only) 1 x 8-pin POGO for Docking (USB 2.0 data and Power output for ART10-ECA) 1 x 4-pin POGO for Docking (power supply for single battery charging)	
LTE / NFC add-on module (Planning)	LTE / NFC	