

E-0710

7" Intel® Atom™ Z510 Portable Medical PC



Features

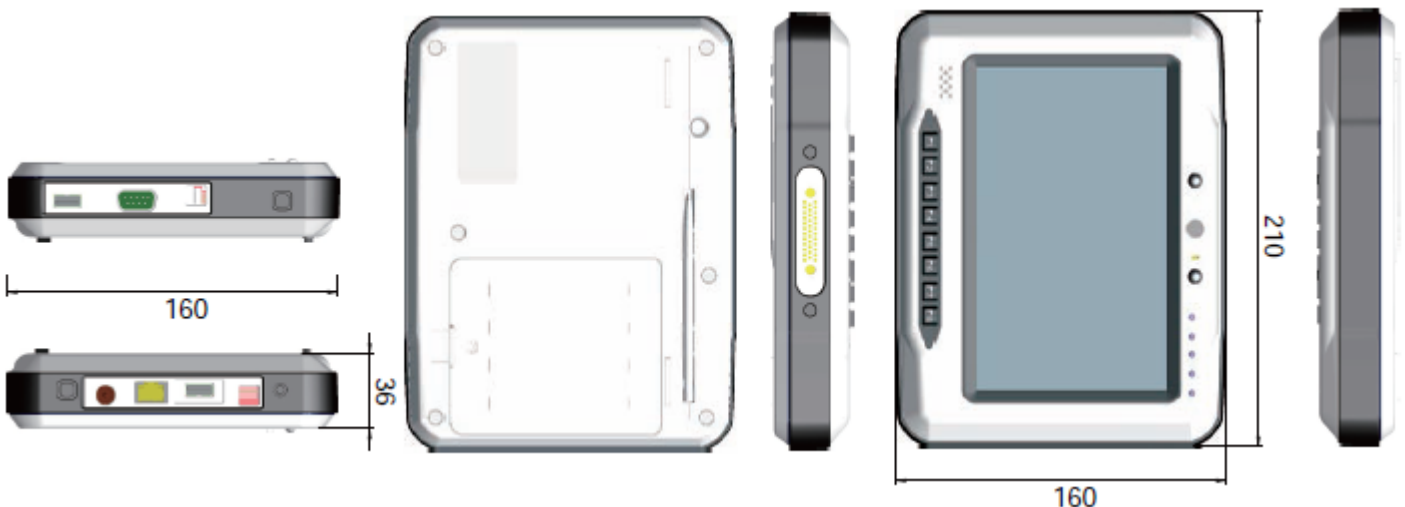
- ❖ 7" Wide Active Matrix TFT Panel
- ❖ EN60601-1-1/EN60601-1-2/UL60601-1 Certified
- ❖ Ultra Slim (36mm Thickness), Ultra Light (1kg)
- ❖ Ultra Low Power Consumption and Ultra Long Battery Life (4 hours)
- ❖ Multi Connectivity (Bluetooth/WLAN/RFID/1 x GbE LAN)
- ❖ Ultra Reliability/IP54 Compliant Enclosure
- ❖ Instant Resume (Suspend to Disk/RAM) & Passive Cooling System (Fanless)



Introduction

As an ultra slim and ultra light unit which is easily to access, the Envitech Europe E-0710 tablet PC is equipped with a 7" active matrix TFT panel with a touch screen in front of it. The enclosure of the unit is IP54 compliant; and designed with the Intel Atom Z510 processor that consumes ultra low power, the system using passive ventilation does not rely on fans which are often unreliable. Besides, the system features instant resume and long charged battery life up to four hours.

Dimensions (Unit: mm)



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Specifications

Model Name	E-0710(S) Rugged Tablet PC	
System	CPU	Intel Atom Z510 1.1GHz with 400MHz FSB
	Chipset	Intel® System Controller Hub US15W
	Graphics Controller	GMA 500 Integrated
	Memory	Soldered onboard 1GB DDR2-533 SDRAM
	Audio	Azalia HD Audio codec ALC888-GR
	Storage	1 x 4GB CompactFlash (default)
		1 x 60GB 1.8" slim IDE HDD (option)
	Connectivity	Realtek 8111B PCI-E Gigabit Ethernet
		802.11 b/g/n WLAN
		Bluetooth 2.0 + EDR module HSUPA (3.75G) (optional)
RFID	ISO 15693/14443A/14443B RFID (distance: 3 ~ 5cm; speed: 5 cards/sec.)	
Camera	1 x 1.3 megapixel CMOS camera w/ Microphone (front)	
	1 x 2.0 megapixel CMOS camera (rear)	
I/O	Serial Port	1 X RS-232
	USB Port	2 X USB 2.0
	LAN	1 X RJ-45 GbE LAN
	Power Input	! X DC jack
	Docking Connection	1 X 35-pin pogo connector for docking station
LEDs & Buttons	LED Indicator	5 LEDs on the front panel
	Power Button	1 X Power on/off button
	Reset Button	1 X System reset button
	RFID Button	1 X RFID on/off button
	Function Button	8 X Function Button
LCD Display	Display	7" wide active matrix TFT
	Resolution	1024 x 600 resistive touch panel
	Brightness	375 cd/m2 (typ.)
	Contrast	400:1
	Backlight Type	LED



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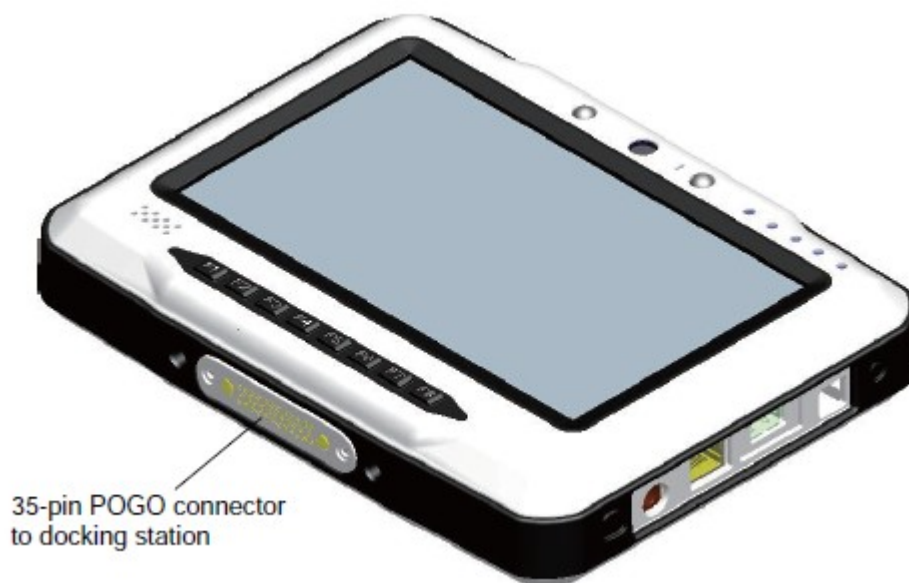
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Further Specifications

Touch Panel	Panel Type Transparency	Resistive 73% (typ.)
Power System	Power Adapter	Power Input: 100 ~ 240VAC Power Output: 20VDC, 90W
	Battery	Li-ion battery pack 4S1P 2600mAh; Approximately 4hrs charged battery life
Mechanical & Environmental	Dimensions (W x D x H)	210 x 36 x 160 mm(8.26" x 1.42" x 6.29")
	Operating Temp.	0 ~ 45°C (32 ~ 113°F)
	Transport & Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
	Operating Humidity	5 ~ 85% (non-condensing)
	Storage Humidity	5 ~ 95% (non-condensing)
	EMI/EMC	CE/FCC Class B, UL60601-1, EN60601-1/EN60601-1-2 compliant
	IP Rating	Front panel, IP54 compliant
	Vibration	1 Grms/5 ~ 500Hz/random operation
	Shock	10G acceleration (peak; 11ms duration)
Transit Drop	1.2m (4ft) drop on wood (five sides except the front side)	
Weight (Net)	1kg (2.2 lb)	



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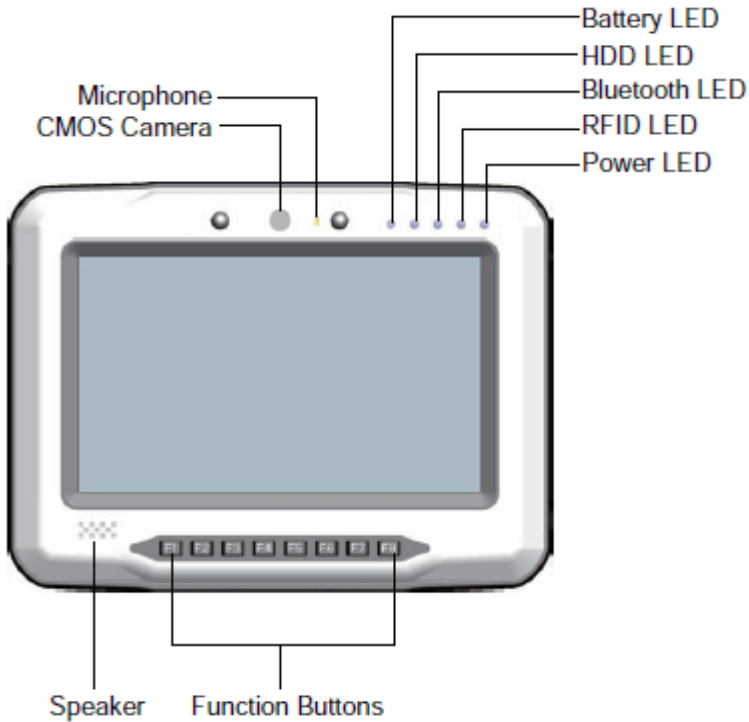
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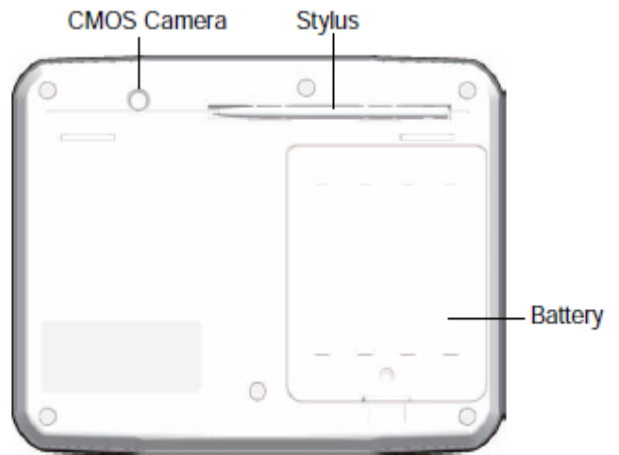
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Front Side

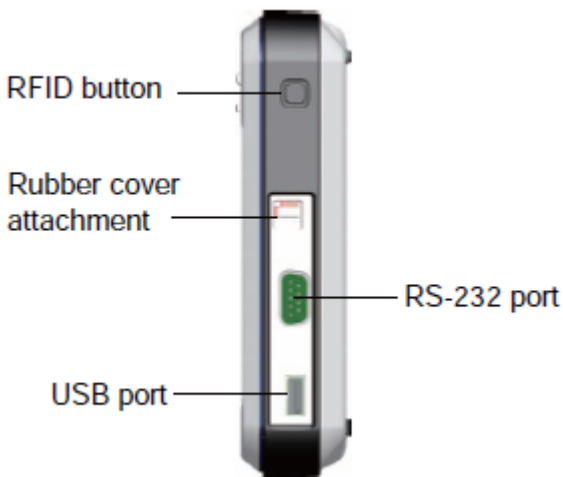


Rear Side

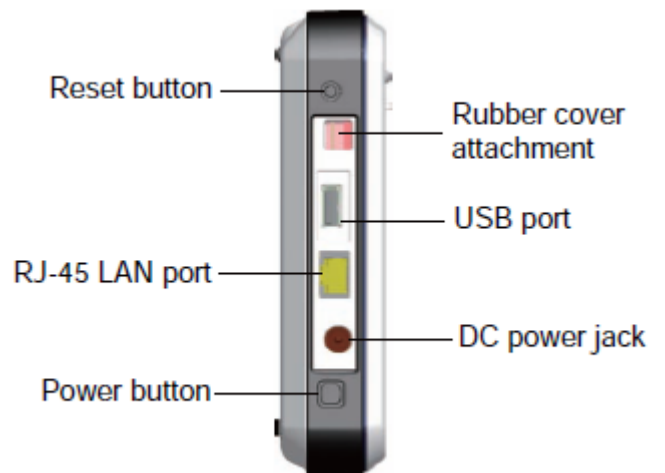
There are two CCD camera located on the front and rear panels respectively. Only one CCD camera functions at a time.



Left Side



Right Side



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