

# EC2500

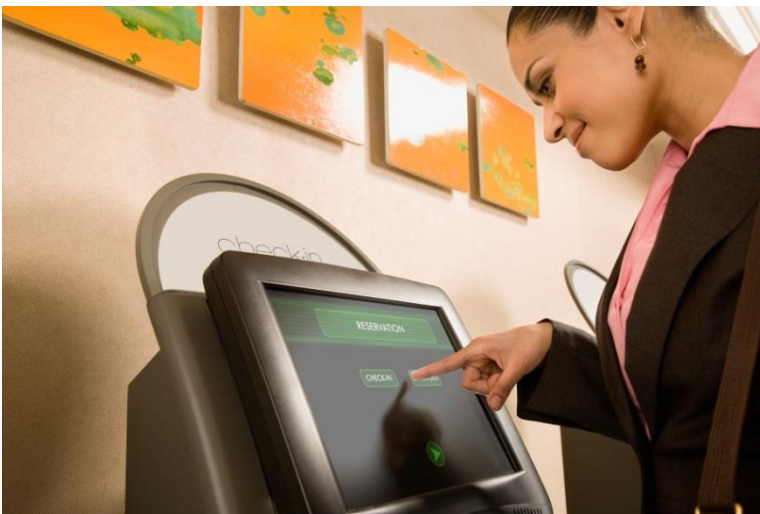
ARM Quad-Core  
Embedded Computer

## Features

- High Brightness TFT LCD
- 50K hours backlight lifetime
- -20°C~ +70°C Operating Temp
- Rich interfaces: USB, Ethernet, RS232, RS485, I<sup>2</sup>C, GPIO, CAN bus.
- Cortex-A9 Single /Dual /Quad cores
- Capacitive Touch Screen
- Light weight aluminum enclosure
- Android 4.2 / 4.4, Yocto
- 9V~36V wide range power input
- Over voltage protection (Optional)
- WiFi, 3G module (Optional)

### New Features

High Brightness LCD  
Long LED lifetime  
Industrial Operating Temp



- 2 models are available:
  - ✓ EC2507: 7-inch LCD + capacitive touch
  - ✓ EC2510: 10.1-inch LCD + capacitive touch
- Typical Applications:
  - HMI
  - Digital Signage
  - Thin Client
  - IoT (Internet of Things) Gateway



# EC2507 : with 7-inch Touch Screen LCD

## EC2507 Dimension and I/O interfaces:

(unit: mm)

	EC2507 Display (brief spec)
Size	7-inch (diagonal)
Resolution	1024x600
Colors	16.7M
Contrast Ratio	560
Brightness	800 cd/m <sup>2</sup>
Backlight	50,000 hours
View Angle (H)	150 degree
View Angle (V)	145 degree
Touch Screen Type	Projected Capacitive

## Specifications and Ordering Information:

*For Dual- / Quad-core please call*

Part No.	OS	CPU	RAM	CAN Bus	GPIO	Voltage Protection	Common Specification	Dimension & Weight
EC2507WS-SYC	Yocto	iMX6S Single-Core	1GB DDR3	NO	8-bit	NO	4GB NAND Flash, Audio (MIC, Ear-Phone) 10/100/1000 LAN x1 USB Host x2 / USB OTG x1 RS232 x1/ RS485 x1, RTC MicroSD x1 / I <sup>2</sup> C port x1 Power adapter (+12V) Operating: -20 °C to +70 °C	Dimension: 213(W) x 135(H) x 47(D) mm (*1)  Weight: 800g
EC2507WS-SAC	Android			YES	16-bit	YES		
EC2507WS-SYC-V	Yocto			NO	8-bit	NO		
EC2507WS-SAC-V	Android			YES	16-bit	YES		

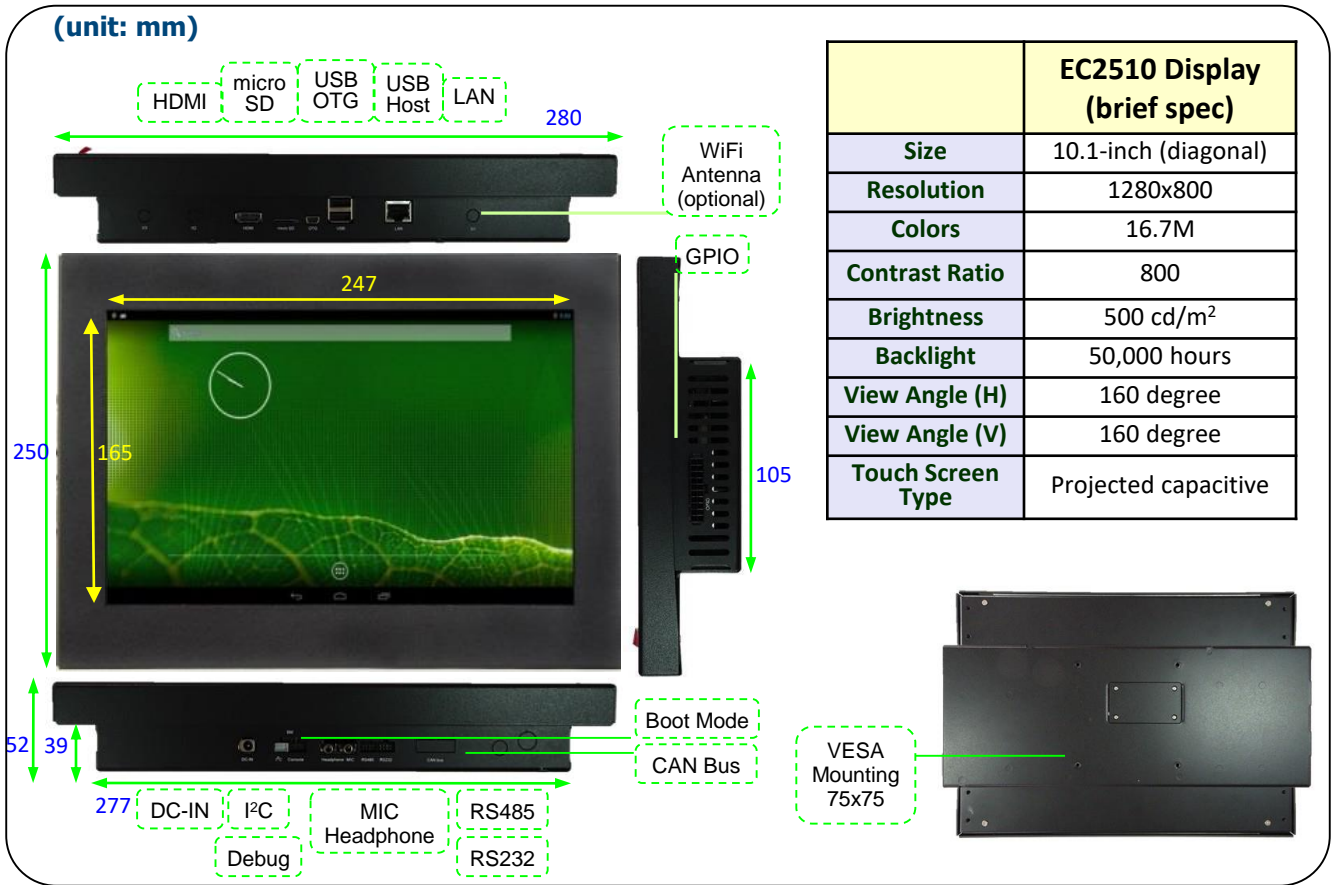
(\*1) Not including antennas

## Optional Modules:

Part No.	Description
WLS-006	(BL-8723 WiFi + BT) + Antenna (8cm/2dBi, SMA plug reverse)
WCDMA-002	Quad-band 3G (WCDMA) module + Antenna
D100	4-ch Video capture (NTSC/PAL) module
D120	4xCOM port module (4 x RS232/RS422 module)

# EC2510 : with 10.1-inch Touch Screen LCD

## EC2510 Dimension and I/O interfaces:



## Specifications and Ordering Information

*For Dual- / Quad-core please call*

Part No.	OS	CPU	RAM	CAN Bus	GPIO	Voltage Protection	Common Specifications	Dimension & Weight
EC2510WX-SYC	Yocto	iMX6S Single-Core	1GB DDR3	NO	8-bit	NO	4GB NAND Flash, Audio (MIC, Ear-Phone) 10/100/1000 LAN x1 USB Host x2 / USB OTG x1 RS232 x1/ RS485 x1, RTC MicroSD x1 / I <sup>2</sup> C port x1 Power adapter (+12V) Operating: -20 °C to 70 °C	Dimension: 280(W) x 250(H) x 52(D) mm (*1)  Weight: 1600 g
EC2510WX-SAC	Android							
EC2510WX-SYC-V	Yocto			YES	16-bit	YES		
EC2510WX-SAC-V	Android							

## Optional Modules:

(\*1) Not including antennas

Part No.	Description
WLS-006	(BL-8723 WiFi + BT) + Antenna (8cm/2dBi, SMA plug reverse)
WCDMA-002	Quad-band 3G (WCDMA) module + Antenna
D100	4-ch Video capture (NTSC/PAL) module
D120	4xCOM port module (4 x RS232/RS422 module)