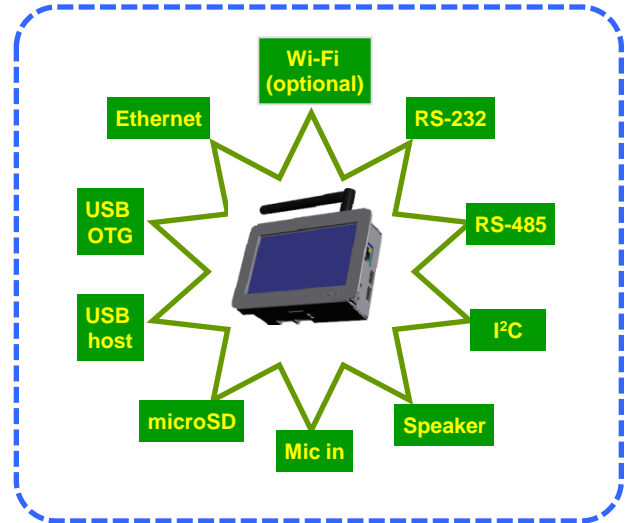


EC1403/04

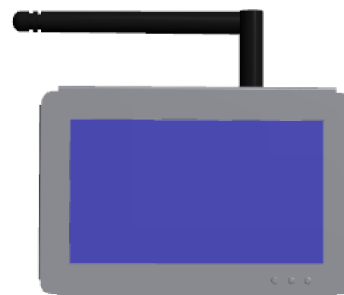
Tiny Touch Panel Computer with 3.5"/4.3" LCD, Android / Linux / WinCE OS

Features

- Tiny (only 118 × 79 mm), compact and lightweight
- Low power consumption
- ARM11 processor @ 700 MHz
- 3.5"(320 × 240) / 4.3"(480 × 272) TFT LCD display with 4-wire resistive touch screen
- MPEG-2/MPEG-4/H.264 hardware video decoder
- ARM Mali graphics engine
- Open GL/ES 2.0 support
- I²C master port for bus extension to external GPIO or peripheral devices
- RS-232/RS-485 interfaces for serial connection
- USB, microSD card storage interfaces
- Optional Wi-Fi connection
- Multiple supported OS : **Android 2.3, Linux 2.6, Windows CE 6.0**



EC1403 / EC1404



Specifications

	EC1403	EC1404
Display	3.5" TFT LCD	4.3" TFT LCD
Display Resolution	320 × 240	480 × 272
Colors	16.7 M	16.7 M
Brightness	250 cd/m ²	500 cd/m ²
Touch Screen	4-wire resistive	4-wire resistive
Supported OS	Android 2.3 / Linux 2.6 / Windows CE 6.0	
Processor	ARM1176 processor @ 700 MHz	
Memory	512 MB NAND Flash + 256 MB DDR2 SDRAM	
Audio	1 × mic in, 2 × speakers	
Video	MPEG-2/MPEG-4/H.264 hardware video decoder	
Wireless LAN	802.11 b/g/n WiFi (Optional)	
LAN	1 × 10/100 Mbps Ethernet	
USB	1 × USB 2.0 OTG port, 2 × USB 1.1 host ports	
SD Card	1 × microSD card slot	
Serial Ports	2 × RS-232, 1 × RS-485, 1 × debug (console) port	
Bus	1 × I ² C master interface	
Enclosure	Aluminum	
Power Input	DC +5 V @ 2 A	
Environment	Operating temperature: 0° C to 60° C	
Dimensions (W × H × D)	118 × 79 × 37.9 mm	118 × 79 × 37.9 mm
Weight	Approx. 200 g	Approx. 300 g

Ordering information

EC1403/EC1404 Embedded Computer

Part No.	Descriptions	Part No.	Descriptions	Part No.	Descriptions
EC1403TL	3.5" LCD with TP; Linux	EC1403TA	3.5" LCD with TP; Android	EC1403TC	3.5" LCD with TP; Windows CE
EC1404TL	4.3" LCD with TP; Linux	EC1404TA	4.3" LCD with TP; Android	EC1404TC	4.3" LCD with TP; Windows CE

EC1403/1404 Package Contents

1 × EC1403 / EC1404 embedded computer	1 × power adapter	
1 × pin header for the DB9 cable	1 × debug cable	1 × CD (software, User's Manual)



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