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V200R001	

# E1330s-6TCPU-V200R001B721D09SP00C00

## Release Notes

Prepared by	Wang Rui	Date	2014-07-08
Reviewed by	E1330 team	Date	2014-07-08
Approved by	E1330 team	Date	2014-07-08



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## Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2014-05-07	1.0	FW V200R001B721D05SP00C00	Build 1.0 Version	Wang Rui
2014-06-05	1.1	FW V200R001B721D07SP00C00	Build 1.1 Version	Wang Rui
2014-07-08	1.2	FW V200R001B721D09SP00C00	Build 1.2 Version	Wang Rui

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# E1330s-6TCPU-V200R001B721D09SP00C00 Release Notes

Abbreviations	description
3GPP	The 3rd Generation Partnership Project
EDGE	Enhanced GPRS
SIM	Subscriber identity module
TS	Technical specification
USIM	UMTS subscriber identity module

## 1 Main Features

The E1330s-6( W2100/W1900/W850) supports the following standards:

- HSPA+/HSDPA/HSUPA/WCDMA 2100/1900/850/  
and GSM/GPRS/EDGE 850/900/1800/1900 MHz
- HSPA+/HSDPA packet data service of up to 21.6 Mbit/s
- HSUPA packet data service of up to 5.76 Mbit/s
- WCDMA PS domain data service of up to 384 Kbit/s
- EDGE packet data service of up to 236.8 Kbit/s
- GPRS packet data service of up to 85.6 Kbit/s
- SMS based on CS/Packet Switched (PS) domain of GSM and WCDMA, supporting group sending of messages

## 2 Hardware

### 2.1 Version Description

Hardware Version:  
CH1E1330SM  
Platform & Chipset:  
Balong V3R3M  
BB Hi6758(合封PMU)  
RFIC Hi6361

### 2.2 Hardware Specifications

Item	Specifications
Technical standard	<ul style="list-style-type: none"><li>• HSPA+/HSDPA/ WCDMA R7</li><li>• HSUPA R6</li><li>• GSM/GPRS/EGPRS R99</li></ul>

Item	Specifications
Operating frequency	<p>HSPA+/HSDPA/HSUPA/ WCDMA 2100 MHz:</p> <ul style="list-style-type: none"> <li>• Uplink: 1920–1980 MHz</li> <li>• Downlink: 2110–2170 MHz</li> </ul> <p>HSPA+/HSDPA/HSUPA/ WCDMA 1900 MHz:</p> <ul style="list-style-type: none"> <li>• Uplink: 1850–1910 MHz</li> <li>• Downlink: 1930–1990 MHz</li> </ul> <p>HSPA+/HSDPA/HSUPA/ WCDMA 850 MHz:</p> <ul style="list-style-type: none"> <li>• Uplink: 824 - 849 MHz</li> <li>• Downlink: 869-894 MHz</li> </ul> <p>GSM/GPRS/EDGE 850 MHz:</p> <ul style="list-style-type: none"> <li>• Uplink: 824–849 MHz</li> <li>• Downlink: 869–894 MHz</li> </ul> <p>GSM/GPRS/EDGE 900 MHz:</p> <ul style="list-style-type: none"> <li>• Uplink: 880–915 MHz</li> <li>• Downlink: 925–960 MHz</li> </ul> <p>GSM/GPRS/EDGE 1800 MHz:</p> <ul style="list-style-type: none"> <li>• Uplink: 1710–1785 MHz</li> <li>• Downlink: 1805–1880 MHz</li> </ul> <p>GSM/GPRS/EDGE 1900 MHz:</p> <ul style="list-style-type: none"> <li>• Uplink: 1850–1910 MHz</li> <li>• Downlink: 1930–1990 MHz</li> </ul>
External interfaces	USB interface: USB 2.0 high-speed interface
	SIM/USIM card: standard 6-pin SIM card interface
Maximum transmitter power	HSPA+/HSDPA/HSUPA/ WCDMA 2100/1900/850MHz: +22 dBm (Power Class 3)
	GSM/GPRS 850/900 MHz: +33 dBm (Power Class 4)
	GSM/GPRS 1800 MHz/1900 MHz: +30 dBm (Power Class 1)
	EDGE 850/900MHz: +27 dBm (Power Class E2)
	EDGE 1800MHz/1900MHz: +26 dBm (Power Class E2)
Static receiver sensitivity	HSPA+/HSDPA/HSUPA/WCDMA 2100/1900/850MHz: compliant with 3GPP TS 25.101 (R7)
	GSM/GPRS/EDGE 850/900/1800/1900 MHz: compliant with 3GPP TS 05.05 (R99)
Maximum power consumption	2.5W
Power supply	3.8 V/500 mA (USB interfaces)
Dimensions (D × W × H)	65mm X 35mm X 3.3mm
Weight	<20g

Item	Specifications
<b>Note:</b> 3GPP = The 3rd Generation Partnership Project EDGE = enhanced GPRS SIM = subscriber identity module TS = technical specification USIM = UMTS subscriber identity module	

## 2.3 Improvements in the Previous Version

Index	Case ID	Issue Description
NA		

## 2.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		

# 3 Firmware

## 3.1 Version Description

Firmware Version:	21.721.09.00.00
Baseline information	Balong V3R3C50B210

## 3.2 Firmware Specifications

Item	Specifications
1	

## 3.3 Improvement in the Previous Version

Index	Version	Issue Description
1	21.721.05.00.00	First Version
2	21.721.07.00.00	Second Version
3	21.721.09.00.00	Third Version



### 3.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		