

SPECIFICATION OF UNIDATA PRODUCT (Global Model)

Category	Device and Details		WPU-7700	WPU-7800
Platform	CPU	Model	Motorola Freescale MCF5249	Samsung S3C2416
		Core and Speed	ColdFireV2, 140MHz	ARM926EJ, 266MHz
		Internal Memory	8KB @I cache	16KB @I cache, 16KB @D cache
	Memory	Nand Flash	16MB Flash	128MB NAND Flash
		SDRAM	8MB Mobile SDRAM	64MB Mobile SDRAM
User Interface	LCD	Display Format	128 x 160 pixels	220(V) x RGB x 176(H) dots
		Color and Pannel	65K TFT LCD	262K Colors, TFT LCD
		Size	Size 1.8 inch	Size 2.0 inch
	Key Inputs	Main Key	15 Basic Input Key (3x4 Key,Send, End, Cancel)	15 Basic Input Key (3x4 Key, Send, End, Cancel)
			5-Way Directional Navi Key (Left/Right/Up/Down + OK)	5-Way Directional Navi Key (Left/Right/Up/Down + OK)
			4 Soft key	2 Soft Key
	Audio	Receiver	10mW @Rated	10mW @Rated
		Speaker	0.7W @Rated	0.8W @Rated
		Microphone	-44dB @Sensitivity	-44dB @Sensitivity
		Bell Sound	64 Polyphonic MMF Support	64 Polyphonic MMF Support
	Ear Jack		N/A	3.5mm stereo ear-mic support
Vibration		Vibration support	Vibration support	
WLAN	Wi-Fi chipset	Marvell 88W8686	Atheros AR6002G	
	Standard	IEEE 802.11 b/g	IEEE 802.11 b/g	
	Modulation	DBPSK, DWPSK, CCK, BPSK, QPSK,16-QAM, 64-QAM	DSSS/CCK, OFDM, (D)QPSK, (D)BPSK,16-QAM, 64-QAM	
	Data Rate	1Mbps~11Mbps, 6Mbps ~ 54Mbps	1Mbps ~ 11Mbps, 6Mbps ~ 54 Mbps	
	Frequency Band	2400 ~ 2497 MHz	2400 ~ 2497 MHz	
	Channel	1~14 Channel	1~14 Channel	
	Output Power	Typical 17dBm @802.11b Typical 15dBm @802.11g	Over 17dBm @802.11b Over 15dBm @802.11g	
	Input Sensitivity	Typical -94dBm @ 1Mbps Typical -76dBm @ 11Mbps Typical -65dBm @ 54Mbps	Typical -95dBm @ 1Mbps Typical -86dBm @ 11Mbps Typical -90dBm @ 6Mbps Typical -73dBm @ 54Mbps	
	Antenna	Internal PIFA Type	Internal PIFA Type	
Power	Battery	Cell	Li-ion Polymer 1250mAh	Li-ion Polymer, 1300mAh @Typical
		Call Time	5 Hours	5 Hours
		Standby Time	60 Hours	60 Hours
		Charging Time	3.5h	3.5h
	Charger	Input Voltage	DC 5V/2.0A, 5.5Φ Jack	DC 5V/2.0A, 5.5Φ Jack
		Charging Method	Internal (Phone) Charger Used via Cradle	Internal (Phone) Charger Used via Cradle
		Charging Time	3.5h	3.5h
Mechanical	Size	5.5 x 1.9 x 0.9 in	143mm x 45.2mm x 19.5mm	
	Weight	3.74oz/106g(with Battery) 2.68oz/76g(without Battery)	110g (with Battery) 81g(without Battery)	
	Case Color	Silver	Silver	
	Material	PC(Polycarbonate)	PC (Polycarbonate)	
Environmental Condition	Material	RoHS	Compliant	Compliant
		Pb Free	Compliant	Compliant
	Operating	Temperature	0 ~50 ℃	0 ~50 ℃
		Humidity	10 ~ 85%	5 ~ 80%
	Storage	Temperature	-20 ~70 ℃	-20 ~70 ℃
Humidity		5 ~ 90%	5 ~ 90%	
Accessory	AC Adapter	Input	100 ~ 220V/60Hz	100 ~ 220V/60Hz
		Output	5V/2.0A, 5.5Φ Plug	5V/2.0A, 5.5Φ Plug
	Cradle	Input	DC 5V/2.0A, 5.5Φ Jack	DC 5V/2.0A, 5.5Φ Jack
		Terminal	4 Spring Terminal	4 Spring Terminal
		Indicator	N/A	2 LED Indicators(RED, GREEN)
		Size	98mm x 27.7mm	67.5mm x 120.5mm x 80.2 mm
Operation System		eCOS	Linux	