

ParXsys Atom – T1 Handheld Data Terminal

SL No.	Description	Specification
1	CPU	<ul style="list-style-type: none">• Option 1: (ARM 11) 533 MHz Samsung S3C6410A ARM1176JZF-S with VFP-Unit and Jazelle (max freq. 667 MHz)• Option 2: ARM A9
2	OS	Windows CE 6, Linux, Ubuntu, Android, Windows Embedded
3	RAM	256 MB, 32 bit Bus
4	Flash memory	up to 2GB NAND Flash
5	Extendable memory	SD/Micro SD card interface (minimum 2 GB)
6	Display	3.2 inch full color touchscreen LCD
7	Keypad	25 Key (For testing purpose - 19 key format will be adopted for commercial production)
8	Thermal Printer	3 inch Thermal Printer (For testing purpose - 19 key format will be adopted for commercial production)
9	SAM Slots	2 numbers
10	RTC	Yes

11	GPRS	SIM 900 – Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
12	GPS	<ul style="list-style-type: none"> •TTF: 35s cold start •NMEA 2.0 compliant •SMA connector for 3.3V active antenna and maximum 50 mA
12	Battery	<ul style="list-style-type: none"> • 12V-2000mAh • Capacity Lithium Battery for longer usage time • Rapidly charge up and long cycle life. • Charge/discharge efficiency 80–90%. Battery life indicator on LCD Screen
13	Weight	Approx 350gm
14	Communication Ports	USB & RS232 – 1 each
15	Security	Supports encryption standards including 3DES and AES for smart card reading/writing as well as communication with Central System
16	Operating Temperature	Automotive Standard
17	Contactless Smartcard	125Mhz Mifare RFID reader operating at 13.56 Mhz Frequency Follows ISO 14443 Type-A and Type B standard Hitag
19	Audio	Yes
20	Others	<ul style="list-style-type: none"> • Barcode Reader/Scanner • WIFI
21	Accessories	Carrybag
22	LEDs	Yes
23	SDK	Yes