



## SIERRA WIRELESS FASTRACK SUPREME GSM/GPRS/EDGE WITH UNLIMITED EXPANDABILITY

- A range of self-contained modems supporting GSM/GPRS/EDGE 900/1800/850/1900 quad band
- Features an open standard Internal Expansion Socket which you can populate with an expansion card from Sierra Wireless or one of your own design
- Available off-the-shelf expansion cards from Sierra Wireless include IO+USB, GPS+USB, IO+GPS+USB and Ethernet.
- Integrates a powerful CPU with an ARM9 32 bit, 26-104MHz core, programmable via any combination of AT commands, C/C++ and Lua
- Available with inSIM® embedded SIM for improved resistance to harsh environments

Technical Specifications			
	GPRS version	EDGE version	
CELLULAR PERFORMANCES			
BEARERS	GSM + GPRS class 10	GSM + GPRS class 10 +EDGE class 10	
RADIO BANDS	Quad band 850/900/1800/1900	Quad band 850/900/1800/1900	
APPROVALS	R&TTE, CE, GCF, FCC, PTCRB, China RTE, AT&T, E marking	R&TTE, CE, GCF, FCC, PTCRB, China RTE, AT&T, E marking	
INTELLECTUAL PROPERTY RIGHTS (IPR)			
CPU PERFORMANCES			
PROCESSOR	ARM946 / DSP	ARM946 / DSP	
CORE FREQUENCY (VARISPEED)	104 MHz (26 MHz)	104 MHz (26 MHz)	
USER MIPS AVAILABLE (GSM STACK ACTIVE)	87 MIPS	87 MIPS	



## Technical Specifications (continued)

recimical Specifications (continued)			
	GPRS version	EDGE version	
AUDIO			
ANALOGUE AUDIO	1 x speaker out 1 x micro in	1 x speaker out 1 x micro in	
DIGITAL AUDIO CODEC QUALITY ECHO CANCELLATION & NOISE REDUCTION DTMF DECODER	HR, FR, EFR, AMR VDA2A √ (high) √	HR, FR, EFR, AMR VDA2A √ (high) √	
INTERFACES			
SERIAL (UART)	1	1	
USB	1	1	
GPIOS	2	2	
ON/OFF	1	1	
RF	1 SMA	1 SMA	
LEDS	2	2	
SUPPLY VOLTAGE	7 to 36V	7 to 36V	
SIM VOLTAGE	1.8V/3V	1.8V/3V	
inSIM®			
CONTROL OPTIONS			
AT COMMAND AND/OR C/C++ API AND/OR LUA SCRIPT	AT, C/C++, LUA	AT, C/C++, LUA	
OPEN AT® OPERATING SYSTEM			
MULTITASKED, REAL-TIME, PRE-EMPTIVE			
MISCELLANEOUS			
PACKAGING	Metal casing	Metal casing	
OPERATIONAL TEMPERATURE	-30°C to +75°C	-30°C to +75°C	
ROHS			
ACCESSORIES			
ANTENNA	(optional)	(optional)	
POWER SUPPLY	(optional)	(optional)	
RS232 DATA CABLE	(optional)	(optional)	
USB DATA CABLE	(optional)	(optional)	