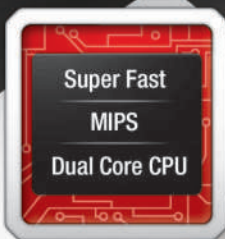


Under 0.5W deep standby power consumption



Super Fast
MIPS
Dual Core CPU

1300 Mhz

3000 DMIPS

Full HD
1080P

FORMULER F1

The Digital Innovation Formula!



Downloadable Applications

Huge selection of Applications for download



MIPS Core

High performance MIPS processor



Optional 3rd Tuner

2x SAT tuners fixed
1 more optional tuner slot for SAT, or Terrestrial/Cable reception



SD Memory / USB

1x SD Memory Card slot
1x USB on Front, 2x USB on Rear



Gigabit Ethernet

10/100M, Gigabit Ethernet support



High-quality RCU

User friendly Remote control with 49 keys



Linux Embedded

Powerful open source Linux based platform



Eco Power Consumption

0.5W in deep Standby mode

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Tuner & Channel Decoder (Satellite)

Input Connector	F-type, IEC 169-24, Female
Loop through out	F-type, IEC 169-24, Female (3rd Thner Only)
Frequency Range	950MHz ~ 2150MHz
Input Impedance	75Ω, unbalanced
Signal Level	-65 to -25dBm
LNB Power	13/18VDC, max.400mA
22KHz Tone	(22±2)KHz, (0.6±0.2)V
DiSEqC Control	V1.0/1.2/USALS Compatible
Demodulation	QPSK / 8PSK
Input Symbol Rate	2 ~ 45 Ms/s(QPSK of DVB-S) 2 ~ 30 Ms/s(8PSK Turbo)
FEC Decoder	1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (QPSK of DVB-S2) 3/5, 2/3, 3/4, 5/6, 8/9 and 9/10 (8PSK of DVB-S2)

Tuner & Channel Decoder (Hybrid-Terrestrial+Cable)

Input Connector	IEC-DIN-PLUG, Female
Loop through out	IEC-DIN-PLUG, Male
Receiving Channel	VHF(S Band I/II, VHF I/III) UHF(S Band III, UHF VI, V)
Input Impedance	75 Ω, unbalanced
Demodulation	QPSK, 16, 64, 256 QAM
Channel Bandwidth	6, 7, 8 MHz
FET mode	1K, 2K,, 4K, 8K, 16K, 32K
Code Rete	1/2, 3/5, 2/3, 3/4, 4/5, 5/6
Guard Internal	1/4, 5/32, 1/8, 5/64, 1/16, 1/32, 1/64, 1/128
Channel Bandwidth	6, 7, 8 MHz
Modulation type	QPSK, 16QAM, 64QAM
FFT mode	2K, 8K
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
Guard Internal	1/4, 1/8, 1/16, 1/32

MPEG Transport Stream A/V Decoding

Transport Stream	H.264(MPEG-4 part 10), MPEG-4 part2, AVC/SVC/MVC And MPEG-2 MPEG-4 Part 10 ISO/IEC 14496-10, MPEG-2 ISO/IEC 13818-2
Profile Level	H.264/AVC Main and High profile@L4.2, MPEG-2 MP@HL, VC-1 Advanced profile@L3
Input Rate	Max. 125Mbit/s
Video Formats	4:3 Letter Box, 4:3 PanScan, 16 : 9
Video Resolution	720 x 576i, 720 x 576p, 720 x 480i, 720 x 480p 1280 x 720p, 1920 x 1080i, 1920 x 1080p
Audio Decoding	AAC LC, AAC LC+SBR Level 2, AAC+Level 4, WMA pro, Dolby Digital, Dolby Digital Plus, MPEG-1 Layer 1,2 and 3(MP3)
Audio Mode	Stereo/ Mono, Dolby Digital Plus, MPEG and AAC audio
Sampling Rate	16KHz, 32KHz, 44.1KHz and 48KHz(According to input)

Main System

Main Processor	BCM chipset
Memory	Flash-ROM : 512 Mbytes SDRAM : 1 GBytes (DDR3)
CPU Speed (MHz)	1300 MHz
DMIPS	3000 DMIPS

Rear-Audio / Video & Data IN/OUT

RCA	CVBS Video, Audio L, R Output YPbPr Component Video Output(up to 1080p)
HDMI	Video & Audio Output
OPTIC	AC3 digital audio Output
USB	USB 2.0 Host Support(1 Front & 2 Rear)
Ethernet	RJ45 Connector, 1Gbps
e-SATA	External SATA HDD Support
RS-232C	9-pin D-SUB(Male)type, Transfer rate 115Kbps

Front Panel

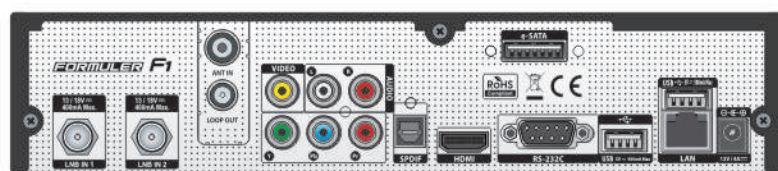
Slot	1 USB 2.0 Host port 1 Common interface slot 2 Smart Card Slots 1 SD card Slot
Display	VFD(Vacuum Fluorescent Display) - 8Digit
Buttons	1 Buttons (Standby)
Indicators	1 LED (Standby)

Power Supply

Input Voltage	AC 100~250V, 50/60Hz
Type	Adaptor (12V, 4A)
Power Consumption	Max. 60W
Standby Power	Max. 0.5W
Protection	Separate Internal Fuse & Lighting protection

Physical Specification

Size (W x H x D)	260mm X 55mm X 210mm
Weight (Net)	1.4 Kg
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C



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