

Productspezifikation mobile hotspot CAR-A-WAN.automotive v3

Size PCB:	100x160x25 mm (width/depth/height)
Size Housing:	122x170x30 mm (width/depth/height)
Platform:	AMD Geode LX 800
RAM:	256 MByte RAM
Mass storage:	Industrial CF-Card
Temperature range:	-25°Celsius to +60° Celsius (Working) / -30° Celsius to +85° Celsius (Storage), temperature sensor for shutdown/power-on delay
Operation System:	Debian 2.6 Embedded / IPmotion TT-OS ECMP
Voltage range:	7-20V, typical 12V
Power:	Continuous plus, switching plus, mass (follow-up control by software; checks periodically if CAR-A-WAN can be switched off (recognizes f.e. registered Wireless LAN connected clients)
Power consumption	< 8 Watt using two active 2G/3G-Modulee, Wireless LAN and Bluetooth.
Quiescent current:	0 mA (sloping reed-relay)
Connectors:	Power, RJ45, 2* USB 2.0, WLAN, 2* 2G/3G (Reverse SMA/Fakra)
Data modules 2G/3G:	max. 2 for Loadbalancing / Failover / Switching for Roaming
Supported modems:	Sierra-Wireless MC8790 Max 7.2 Mbits Download & 5.6 Mbits Upload UMTS in North America at 850MHz UMTS in North America & Asia-Pacific at 1900MHz UMTS in Europa & Asia-Pacific at 2100MHz GSM, GPRS, EDGE global at 850/900/1800/1900MHz Sierra-Wireless MC5727 Max 3.1 Mbits Download & 1.8 Mbits Upload CDMA in North Amerika & Asia-Pacific at 800 MHz CDMA in North Amerika & Asia-Pacific at 1900 MHz
Configuration:	Single 1* MC8790 or 1* MC5727 Duo: 2* MC8790 or 2* MC5727 or 1* MC8790 and 1* MC5727
SIM-Holder:	2x externally attainable, rested and closed
WLAN:	IEEE 802.11b/g (Mini-PCI)
Bluetooth:	via USB (miniature plug, surface is flush to the housing)
Housing:	Aluminum strand profile in 2mm wall thickness with set screw hole ashes