URVE Board A18i

Single-Board Computer

- 12V in
- 12V in
- Ethernet 1000Mbit
- Ethernet m12
- USB OTG
- HDMI out
- USB 2.0
- USB 2.0
- Analog Audio
- Reset
- Recovery BTN
- USB1, USB2 pinout
- 1 UART pinout
- 2 UART pinout
- Debug
- ADC
- dLVDS out
- PWM (LED Stripes)
- 4 x GPIO pinout
- PWM (LED Stripes)
- Battery module pinout
- Modem HSPA+ slot
- SIM slot
- microSD
- GPS module pinout
- WIFI module pinout
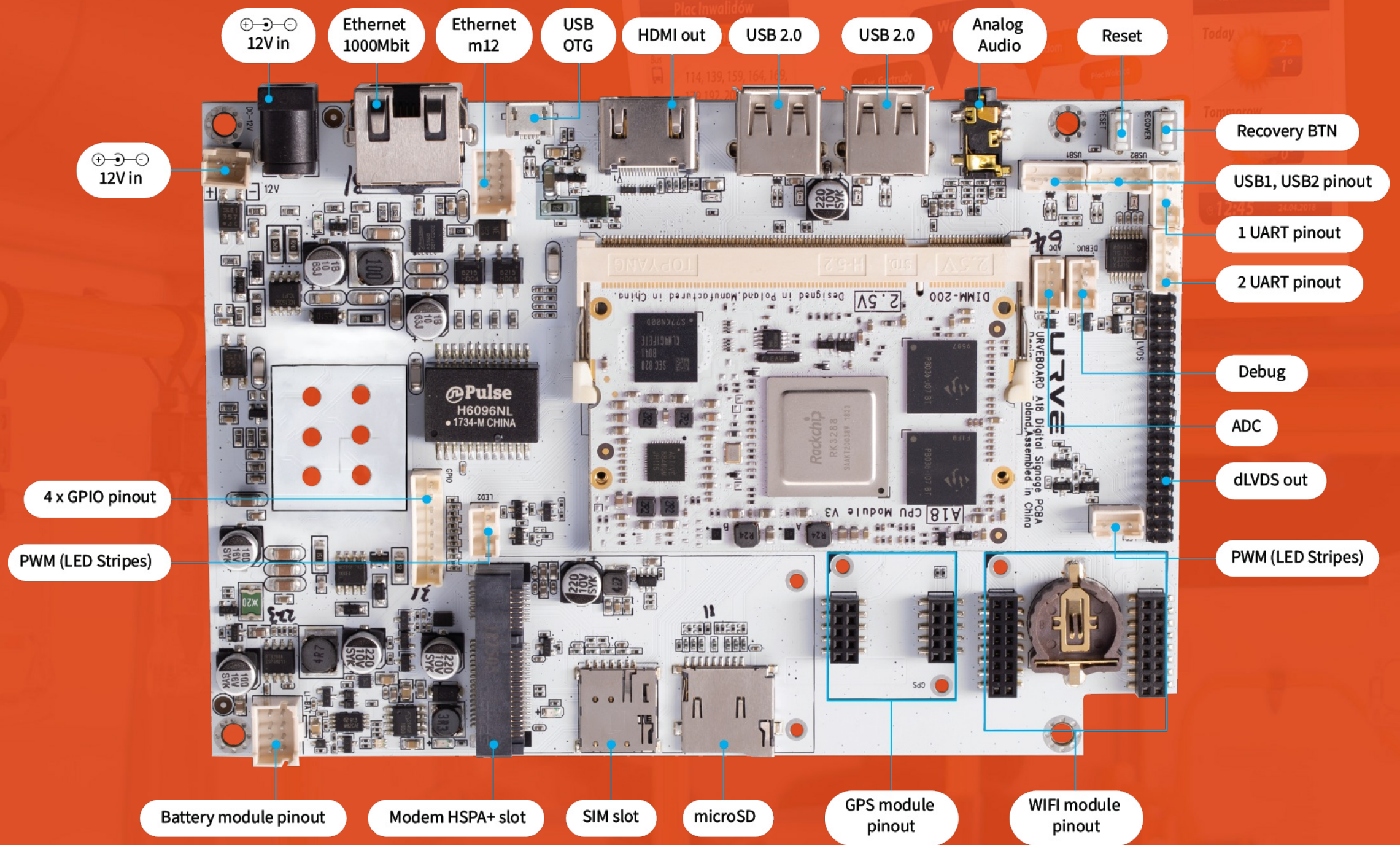
Designed for special tasks in **transport** and **industry**

Public transport	Vehicles	Industry	IoT	POS devices	Vending

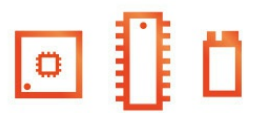|			
Multiple platform	Compatibility	Reliability **24/7/365**	Modularity

Expand your URVE Board A18i with **additional modules**,
to gain unique possibilities.

Wi-Fi	GPS	Modem HSPA+	Battery or solar panel

Specifications

CPU	CPU Clock speed Operating system	Rockchip Industrial RK3288-K 4x1.8 Ghz (4-core) Android™ 6.0.1/Linux Kernel 4.4.154
MEMORY	RAM SSD	2GB DDR3 8GB eMMC 5.1
I/O	I/O	1 x HDMI ® 1 x Analog Audio 1 x 1000 Mbit/s Ethernet RJ-45 1 x SIM card slot 1 x microSD Card slot 2 x USB 2.0 1 x USB 2.0 OTG 4 x GPIO pinout 1 x dual LVDS 2 x UART 1 x Debug UART 1 x HSPA+ modem slot 2 x 12V power supply
ACCESSORIES	Watchdog	1 x Kernel Watchdog
ADAPTATION TO WORK CONDITIONS	Operating temperature range Relative humidity range Cooling system Vibration resistance	-40 º C ~ 80 º C (no condensation) 5% ~ 95% (no condensation) Passive Yes, no moving elements
DEVICE DIMENSIONS	Dimensions Weight	155 x 108,6 x 16,2 mm 114 g
CONTROL SOFTWARE	Content display	URVE multimedia software*
EXPANSION CAPABILITY	Additional modules	HSPA+ modem Wi-Fi GPS Motion sensor 3.6V 120mA backup battery

* Additionally charged

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