

CITYWAT^T



PowerGuard PRO



EMPOWER YOUR DRIVE

TECHNICAL SPECIFICATIONS



CPU	AMD Ryzen V1605B 4C 8T 2.0 GHz - 3,6 GHz
BIOS	UEFI-BIOS
Memory	2 8GB-SO-DIMM DDR4 3200 ECC
Network	3 RJ45 1Gb + 2 SFP+
Cellular	Quectel RM520n-gl (4G/5G) (-EU) 5G NR: n1/3/5/7/8/20/28/38/40/41/75/76/77/ 78; LTE-FDD: B1/3/5/7/8/20/28/32; LTE-TDD: B38/40/41/42/43; WCDMA: B1/5/8)
Antenna	4 SMA-F
Connection	WAN, Cellular
Fallback	Yes
Memory	2 M.2 SolidStateDrive 250GB
M.2 socket	1 Key B, 30 mm x 42 mm with onboard SIM Card socket 1 Key E, 22 mm x 30 mm 2 Key M, 22 mm x 80 mm (for NVME only)
GPIO	Onboard: 4 GPIOs (3.3 V) and max. 3 GPIOs with PWM (3.3 V) 50 kHz
	Additional module: see datasheet sModul IMGPI
USB rear	3 USB3.1
USB front	2 USB-C (10 Gb/s, DP Alt-mode, OCP = 3000 mA) 1 USB-B for debug purposes
Serial Port	1 RS-232
fTPM / TPM	AMD firmware Trusted Platform; TPM 2.0 support (Infineon SLB 9670) (OEM only)
System / Status LEDs	System LEDs: Yes , Status LEDs: Yes (Blue, Green, Red)
Power supply	24V 3,75A (Min. 10.8 V / Max. 26.4 V (DC) KL15 (ignition))
Max. operating temp.	0 °C to +60 °C ambient commercial grade
Max. storage temp.	-40 °C to +85 °C
Max. rel. humidity	95 % @ 40 °C, non-condensing
FAN	1 connector for external 12V Fan (PWM + Tacho)
Housing	Aluminum case
Mounting	19" Rack
Size	approx. 44,5 x 34 x 12 cm
Weight	approx. 5,3kg + options

