



PALM-3A100DW-R

Embedded Computer with
AMD® Ryzen Processor

■ Features:

- AMD® Ryzen™ Embedded R1000 Series SoC With Independent Three 4K Display
- 2 x HDMI, 1 x DP, 3 x GbE, 4 x USB, 8DI / 8DO
- 2 x COM, 1 x Mini PCIe, 2 x SIM, 1 x M.2

■ Specifications :

Motherboard	3A100DW-R	
CPU	AMD® Ryzen™ Embedded R Series SoC R1505G 2.4 GHz (Dual Core), TDP 12-25 Watt	
Chipset	AMD® Ryzen™ Embedded R1000 Series SoC	
Memory	2 x DDR4 2400 MHz SODIMM, Max. 32GB	
Storage	2 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s), optional to 2 x mSATA	
Expansion slot	1 x M.2 B Key, Type 3042 (mSATA / USB) 1 x mini card socket (mSATA / USB) 1 x Nano SIM, 1 x SIM	
I/O ports	Network	3 x Intel GbE
	USB	2 x USB 3.0, 2 x USB 2.0
	Serial ports	2 x RS232 / 422 / 485
	Display	2 x DP, 1 x HDMI
	Audio	Line-out, Mic-in (OEM)
	GPIO & SIM	DI / DO (Option)
Optional Modules & Accessor	GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated COM, battery UPS, Video Input *SATA Kit, Wall Mount Kit	
OS Support	Windows® 10 IOT (64bit), Ubuntu 18.04.2 above, Fedora 29 above	

■ Mechanical

Dimensions	180W x 150D x 70H mm
Weight	1.35 kg
Mounting	Wall Mount *

■ Power

DC input	+12V~24V
AC input	External adapter 100 / 240V

■ Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C with mSATA / SSD 0°C to +50°C with HDD
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

■ Certification

	CE / FCC class A
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■ Dimension

