

## Andino Gateway – Datasheet

	Raspberry Pi 4:	Raspberry CM4 with Andino CM4 Adapter	
<b>SoC</b>	Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz	Broadcom BCM2837B0, Cortex-A53 (ARMv8) 64-bit SoC @ 1.4GHz	
<b>RAM</b>	4GB LPDDR4-3200 SDRAM	4GB LPDDR2 SDRAM	
<b>Flash</b>	None	32GB eMMC Flash	
<b>PCIe</b>	None	Interla PCIe X1 Port. Can be used for M.2 SSD via Adapter	
<b>WiFi</b>	2.4 GHz and 5.0 GHz IEEE 802.11ac wireless	None	
<b>Bluetooth</b>	Bluetooth 5.0, BLE	None	
<b>Ethernet</b>	Gigabit Ethernet	Gigabit Ethernet over USB 2.0 (max. throughput 300 Mbps)	
<b>Connectivity</b>	2 USB 3.0 ports; 2 USB 2.0 ports. Raspberry Pi standard 40 pin GPIO header 2 × micro-HDMI ports (up to 4kp60) Micro-SD card slot (accessible from outside Andino housing)	2 USB 2.0 ports external 1 USB 2.0 port internal Full-size HDMI Extended 40-pin GPIO header	
<b>Delivery</b>	Andino IO, RaspberryPi 4, Breadboard, DIN rail Housing	Andino IO, CM4, Breadboard, DIN rail Housing	
<b>all variants</b>			
<b>Power Supply</b>	24V Input Option / 100-240V AC Input	<b>Housing variant</b>	Top-hat rail housing (Plastic)
<b>Display</b>	OLED Display in the housing included	<b>RTC</b>	Integrated, battery-buffered Real Time Clock, DS3231 Dallas Semiconductors Accuracy: ± 2ppm between 0 °C and +40 °C
<b>EMC</b>	DIN EN 61000-4-2/3/5/8	<b>PCIe-Slot</b>	Yes, possible 4G Modem (Option), LoRa Gateway (Option)
<b>Size</b>	151 mm x 107 mm x 95 mm	<b>Weight</b>	180 g
<b>Temperature</b>	Internal DS1820	<b>BUS</b>	Internal RS485 isolated, I2C

More information about the Andino Gateway under:

[Andino Gateway-Manual-4G-DE.PDF](#)

[Andino Gateway-Manual-4G-EN.pdf](#)

[Andino-Gateway-CE.PDF](#)

[Andino Gateway-EMC Report.pdf](#)