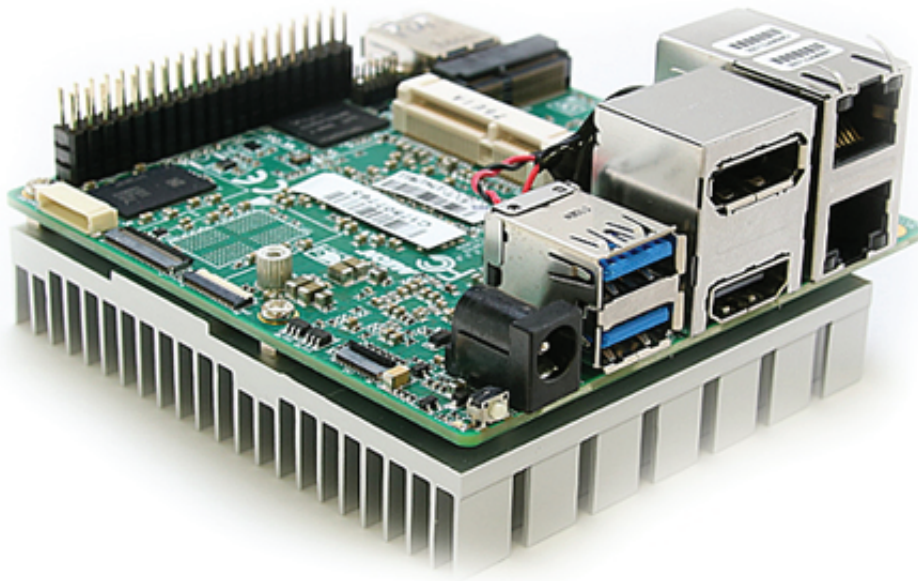


# GPU Encoder

Dual Lan | Gateway

## EEN2GPCI



## FEATURES

**Up to 8GB RAM**

**Up to 128GB eMMC**

**Intel Gen 9 HD 500/ HD 505**

Intel Quad Core up to 2.5GHz

40-pin GP-bus, Mini-PCI-e GPIO

MIPI-CSI support

Altera Max 10 SoC

## EEN2GPCI

### GPU Encoder | EEN2GPCI

v1.2-8.14

Camera	
<b>CPU</b>	Intel Dual Core N3350 up to 2.4GHz Intel Quad Core N4200 up to 2.5GHz
<b>Memory Type</b>	LPDDR4
<b>Max. Memory</b>	8GB
<b>Max. on-board storage</b>	128GB
<b>USB2.0</b>	2
<b>USB3.0</b>	4
<b>Expansion</b>	40-pin GPIO bus, mini-PCI-e, M.2 2230 60-pin Expansion
<b>SATA3</b>	1
<b>HDMI</b>	2
<b>Gb Ethernet</b>	2
<b>MIPI-CSI</b>	1x 2-lane + 1x 4-lane
<b>Graphics</b>	Intel Gen 9 HD 500 / HD 505
<b>OS Support</b>	Windows IoT Core, Windows 10, Ubuntu, Ubinlinux, Yocto
<b>Display Supported</b>	3
<b>CPLD / FPGA</b>	Altera Max 10
<b>Dimensions</b>	85.6 x 90mm
<b>Power</b>	5V 6Amps

\*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

Device (ublinux)	Function	Linux GPIO No.	RPI GPIO	Pin	Pin	RPI GPIO	Linux	Function	Device (ublinux)	Pin Legend
			3.3V	1	2	5V				GPIO
/dev/i2c-6	I2C1_SDA	462	BCM2_SDA	3	4	5V				UART
/dev/i2c-6	I2C1_SCL	463	BCM3_SCL	5	6	Ground				I2C
		433	BCM4	7	8	BCM14_TXD	477	UART1_TX	/dev/ttyS1	SPI
			Ground	9	10	BCM15_RXD	476	UART1_RX	/dev/ttyS1	PWM
/dev/ttyS1	UART1_RTS	478	BCM17	11	12	BCM18_PWM0	326	AVS_I2S6_BCLK		I2S
		432	BCM27	13	14	Ground				
		431	BCM22	15	16	BCM23	471	PWM3	/sys/class/pwm/pwmchip0/pwm3	
			3.3V	17	18	BCM24	405			
/etc/spidev1.x	SPI0_MOSI	422	BCM10_MOSI	19	20	Ground				
/etc/spidev1.x	SPI0_MISO	421	BCM9_MISO	21	22	BCM25	402			
/etc/spidev1.x	SPI0_CLK	418	BCM11_SCLK	23	24	BCM8_CE0	419	SPI0_CS0	/etc/spidev1.0	
			Ground	25	26	BCM7_CE1	420	SPI0_CS1	/etc/spidev1.1	
/dev/i2c-5	I2C0_SDA	464	BCM0_ID_SD	27	28	BCM1_ID_SCL	465	I2C0_SCL	/dev/i2c-5	
		430	BCM5	29	30	Ground				
		404	BCM6	31	32	BCM12_PWM0	468	PWM0	/sys/class/pwm/pwmchip0/pwm0	
/sys/class/pwm/pwmchip0/pwm1	PWM1	469	BCM13_PWM1	33	34	Ground				
	AVS_I2S6_WS_SYNC	327	BCM19	35	36	BCM16	479	UART1_CTS	/dev/ttyS1	
		403	BCM26	37	38	BCM20	328	AVS_I2S6_SDI		
			Ground	39	40	BCM21	329	AVS_I2S6_SDO		