TX2

256-core NVIDIA Pascal™ GPU - 1.33 TFLOPs

Dual-Core NVIDIA Denver 1.5 64-Bit CPU and Quad-Core ARM® Cortex®-A57 MPCore processor

8 GB 128-bit LPDDR4

59.7GB/s

32 GB eMMC 5.1

7.5W / 15W

1 x1 + 1 x4 OR 1 x1 + 1 x1 + 1 x2

(PCIe Gen2)

Up to 6 cameras (12 via virtual channels)

12 lanes MIPI CSI-2

D-PHY 1.2 (up to 30 Gbps)

C-PHY 1.1 (up to 41Gbps)

500MP/sec

1x 4K @ 60 (HEVC)

3x 4K @ 30 (HEVC)

4x 1080p @ 60 (HEVC)

1000 MP/sec

2x 4K @ 60 (HEVC)

7x 1080p @ 60 (HEVC)

20x 1080p @ 30 (HEVC)

2 multi-mode DP 1.2/eDP 1.4/HDMI 2.0

2 x4 DSI (1.5Gbps/lane)

10/100/1000 BASE-T Ethernet, WLAN

87 mm x 50 mm

400-pin connector

def show\_img\_in\_matplotlib(filePath,format):

    im = plt.imread(filePath, format=file\_ext[1:])

    imgplot = plt.imshow(im)

    plt.show(block=False)

    plt.show()

    # plt.pause(0.1)

    return plt

def close\_matplotlib\_window(plt):

    plt.close()