

GPU	NVIDIA Ampere architecture with 2048 NVIDIA® CUDA® cores and 64 Tensor Cores
CPU	12-core Arm® Cortex®-A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3
DL Accelerator	2x NVDLA v2.0
Vision Accelerator	PVA v2.0
Memory	32GB 256-bit LPDDR5 204.8 GB/s
Storage	64GB eMMC 5.1 microSD card slot M.2 Key M connector (for NVMe)
Video Encode	2x 4K60 4x 4K30 8x 1080p60 16x 1080p30 (H.265)
Video Decode	1x 8K30 2x 4K60 6x 4K30 12x 1080p60 24x 1080p30 (H.265)
Camera	MIPI CSI-2 camera connector
PCIe	Standard PCIe x16 connector with x8 PCIe Gen4
Networking	RJ45 connector (up to 10 GbE) Upper x8 of PCIe connector supports 3x 10 GbE M.2 Key E connector (WiFi/BT, PCIe x1, USB 2.0, UART, I2S & I2C) M.2 WiFi/BT module included
Display	DisplayPort connector (DP++)
USB	2x USB Type C 2x USB 3.2 Type-A USB 2.0 Micro-B
Other	40-pin header (I2S, SPI, UART, I2S, CAN, DMIC) 10-pin Audio Panel Header 10-pin JTAG Header 4-pin Fan Header
Power	DC power jack (for included power supply)
Mechanical	110mm x 110mm x 71.65mm