



Front



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TERA - AI



TERA-LJT001 is powered by NVIDIA® Jetson™ Nano / TX2 NX Edge AI modules. Featuring rich I/O interfaces, TERA-LJT001 has one Micro SD slot, two USB 2.0 port, one Micro OTG USB 2.0 port, two GbE LAN, one HDMI with 4K supported. The USB OTG connector is enabling the AI box to perform as a host or client for low power mobile devices which are USB OTG compatible under the Android OS systems. It also has 4 x DI/ 4 DO, Mic-in/ Line-out and one RS232 for machine controlling.

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TERA - AI (M12)



Front



Back

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i.MX8M Plus
ARM CORTEX 4x A53 + M7



PALM - NEX001

LEX SYSTEM i.MX 8M Plus-based solutions gives users flexible, reliable and compact platform for edge AI and vision learning application. These ARM Based AI engines are powered by 2 to 4 core 1.8GHz Cortex-A53 processors for real-time image processing tasks and AI inferencing with low power consuming (DC-IN 5V). The compact enclosure PALM system(71.4W x 71.4D x 29.5H mm) with NEX-001 carrier board provide the idea of I/O features of one Micro SD slot, two USB 3.0 port, two GbE LAN, and one HDMI port, one RS232, one RS485 is easily be adapted to applications in diverse environments especially with space limitation. In addition to the ready system as the option, LEX SYSTEM also can customize carrier boards for different OEM/ODM projects.

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