



LEX System

PALM 3A100DW

Graphics-intensive Solution



Lex SYSTEM[®]

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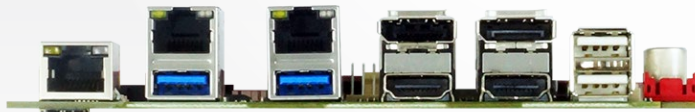
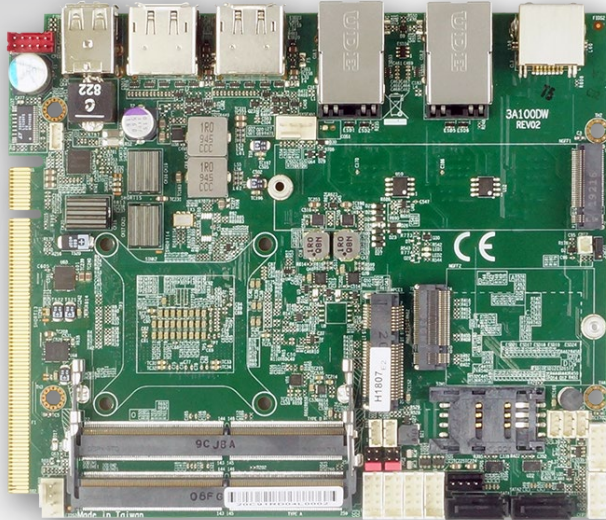


PALM 3A100DW

LEX SYSTEM 3A100DW is powered by onboard AMD Ryzen™ Embedded V1807B/V1404I & R1505G processors with Radeon™ Vega graphics which provide maximum 4 x 4K independent display (2 x HDMI, 2 x Display Port), 3 x Gigabit Ethernet and a high definition audio controller; support various high-speed interfaces such as 5 x USB 2.0, 2x USB 3.0, 1 x Mini PCIe, 2 x SIM and 2 x M.2 and wide range power input DC 12-24V.

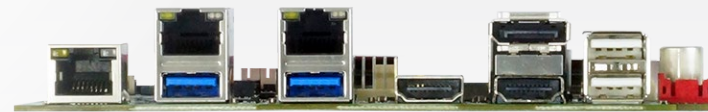
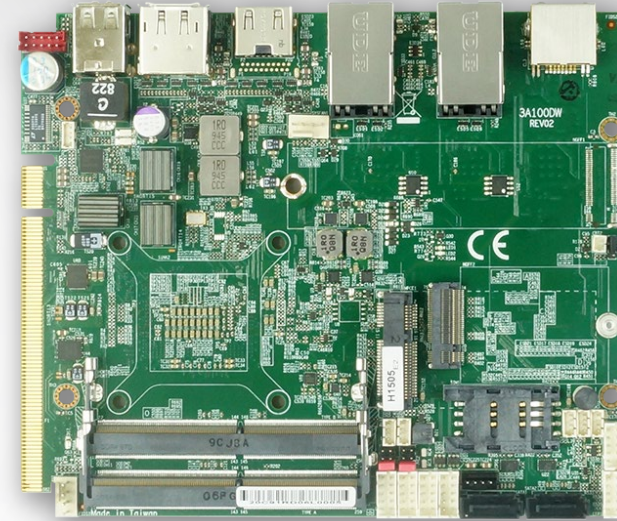
LEX SYSTEM PALM3A100DW embedded computer is well-suited for graphics-intensive applications such as edge computing, medical imaging, video surveillance, 3D simulators, optical quality control in industrial automation, intelligent transportation those demand the reliable platform to maintain stable operations.

Motherboard



3A100DW-V

- AMD® Ryzen™ Embedded V1000 Series SoC
AMD® V 1807B 3.35 GHz (Quad Core), TDP 35-54 Watt
AMD® V 1404I 2.0 GHz (Quad Core), TDP 12-25 Watt
- 2 x DDR4 SODIMM socket, Max. 32GB
- Multiple Independent display: 2 x HDMI, 2 x DP
- 3 x Intel GbE, 2 x USB 3.1, 5 x USB 2.0, 2 x COM
- 8DI / 8DO, 1 x Mini PCIe, 2 x M.2, 1 x PCIe, 2 x SIM
- TPM 2.0 (Optional)



3A100DW-R

- AMD® Ryzen™ Embedded R1000 Series SoC
R1505G 2.4 GHz (Dual Core), TDP 12-25 Watt
- 2 x DDR4 SODIMM socket, Max. 32GB
- Multiple Independent display: 2 x HDMI, 1 x DP 3 x
- Intel GbE, 2 x USB 3.1, 5 x USB 2.0, 2 x COM
- 8DI / 8DO, 1 x Mini PCIe, 1 x M.2, 1 x PCIe, 1 x SIM
- 1 x Nano SIM, TPM 2.0 (Optional)



PALM-3A100DW-V

- AMD® Ryzen™ Embedded V1000 Series SoC
With Independent Four 4K Display
- 2 x HDMI, 2 x DP, 3 x GbE, 4 x USB, 8DI / 8DO
- 2 x COM, 1 x Mini PCIe, 2 x SIM, 2 x M.2



PALM-3A100DW-R

- AMD® Ryzen™ Embedded R1000 Series SoC
With Independent Three 4K Display
- 2 x HDMI, 1 x DP, 3 x GbE, 4 x USB, 8DI / 8DO
- 2 x COM, 1 x Mini PCIe, 2 x SIM, 1 x M.2

About LEX Comptech

Established in 1990, LEX Comptech is an industrial computer manufacturer, provides LEX SYSTEM embedded solutions include designing and manufacturing of industrial motherboards, fanless embedded systems, rugged panel PC, in-vehicle fanless PC, network appliances, machine vision and automation controllers & IoT related solutions.

LEX SYSTEM's R&D team consisted with electronics, layout, system, mechanical, BIOS, firmware as well as software engineers, plus with experienced project management, in-house manufacturing and after sales service provides ODM /OEM customized products for various application-oriented projects.

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