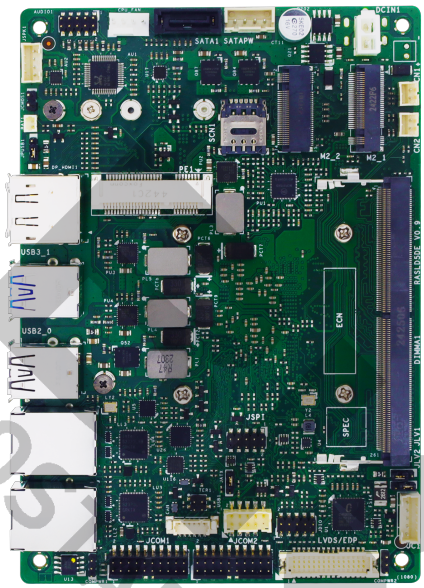
RASL-D5DE Industrial PC



- Intel® Atom x7433RE
- Supports triple display : LVDS(eDP)/ HDMI®/ DP++
- Support 1 x DDR5-4800 MHz SO-DIMM, up to 16GB
- 2 x Intel I226-IT GbE LAN
- 2 x USB3.2 Gen1, 4 x USB2.0
- 2 x RS232/422/485, 2 x RS232
- 1 x M.2 M key M 2242/2280 support PCIe3.0 x1/SATA for NVMe/ SATA storage
- 1 x Mini PCIe support PCIe3.0 x1 +USB2.0 w/ SIM slot for 4G/5GWIFI/BT module
- 1 x M.2 B key 3042/3052 support USB3.2+PCIe3.0 x1 (opt)
- Support 2x CAN bus (opt)
- Support wide range temperature -40 ~ 85 degree C
- DC-IN 12V

Specifcation

CPU SUPPORT	Intel® Amston Lake Processor Intel Atom x7433RE
MEMORY	1 x 262-pin DDR5-4800Mhz SO-DIMM, up to 16GB
EXPANSION SLOT	1 x M.2 M Key 2242/ 2280 support PCIe3.0 x1/ SATA for NVMe /SATA storage 1 x Mini PCIe support PCIe3.0 x1 +USB2.0 w/ SIM lot for 4G/5G/WIFI/BT module 1 x M.2 B key 3042/3052 support PCIe3.0 x1 + USB3.2 (opt)
GRAPHICS	Intel® Integrated Graphics, support triple display - 1 x HDMI ®1.2 connector (1920x1200@60Hz) - 1 x DP++1.4 connector (4096x2160 @60Hz) - 1 x LVDS/eDP (1920x1200 @60Hz, LVDS/eDP switch mode by BIOS)
AUDIO	Audio Codec: ALC897 + ALC105, support 4 ohm 2W amplifier (not support wide temperature)
LAN	Dual 2.5GbE 2 x Intel i226-IT
SUPER I/O CHIP	IT8786E-I
REAR I/O	1 x HDMI® connector 1 x DP connector 2 x USB2.0 Type A connector 2 x USB3.2 Gen1 Type A connector 2 x RJ45 connectors, support 1G

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INTERNAL I/O	Expansion slots: - 1 x M.2 M key - 1 x M.2 B key (opt) - 1 x Mini PCIe - 1x SIM slot for M.2 B key or Mini PCIe (default mini PCIe) SATA: - 1 x SATA3 7pin connector - 1 x 1*4 pin SATA power box header Display: - 1 x 2*20 pin LVDS/eDP box header (share with the same connector, LVDS/eDP switch mode by BIOS) - 1 x 1*3 pin LCD power select header (3.3V/5V, default is 3.3V) - 1 x 1*5 pin LCD backlight control box header - 1 x 1*3 pin LCD backlight control power select header (5V/12V, default is 12V) Audio: (opt., not support Wide Temp.) - 1 x 2*5-pin header for MIC-in/LINE-in/LINE-out - 1 x 1*4 pin wafer box for 2x2W/ 4ohm Speaker USB: - 1 x 2*5 pin header for 2 x USB2.0 - 1x 1*3 pin header for Rear USB3.2 power select (5V/ 5V_DUAL, default is 5V) Serial Port: - 1 x 2*10 pin headers(JCOM1), support 2 x RS232/ RS422/ RS485(COM1/COM2) - 1 x 2*10 pin headers((JCOM2) support 2x RS232 (COM3/COM4) - 2 x 1*3 pin pin headers for COM1/2 Power Select (NC/5V/12V, default is NC) CAN bus: (opt) - 1x 1*6 pin header, support 2x CAN bus - 1x 2*2 pin header for bus termination Digital IO - 1 x 2*5 Pin 8-Bit DIO header (5V) Others: - 1x 1*2 pin header clear CMOS - DC-IN 12V , 2pin power connector - 1x 1*2 pin header for power button - 1x 1*2 pin header for system reset - 1x 4 pin header for +12V CPU fan - 1 x Power LED onboard for APCI power status - TPM2.0 onboard
DIMENSION	148 x 102 x 1.6 mm
ENVIRONMENT	Wide range temperature: -40ºC ~ 85ºC Humidity : 5% ~ 90%
OS SUPPORT	Support Windows 10 IoT Enterprise 21H2/ 11 IoT Enterprise 24H2 or later version Support Ubuntu 22.04/ 24.04

*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!

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