



## QBiX-Pro-ADLA1235H-A1

Industrial system with Intel® Core™ i5-1235U Processor/ Fanless Design / Dual Channel DDR4 up to 64GB/ 2 x HDMI

### Key Features

- System Size : 178W x 125D x 52.7H (mm)
- Intel® Core™ i5-1235U Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x HDMI for Dual display
- 2 x 2.5GbE LAN Ports

### Application

- Embedded & Industrial Applications
- Factory Automation
- IoT System
- KIOSK/POS
- Healthcare

## SPECIFICATION

### Specification

<b>Dimension</b>	178W x 125D x 52.7H(mm)
<b>CPU</b>	Intel® Core™ i5-1235U Processor 10nm Enhanced Superfin (Intel 7), 10 cores, 12 threads, up to 4.4 GHz
<b>Socket</b>	1 x FCBGA1744
<b>Memory</b>	2 x DDR4 SO-DIMM sockets, Max. Capacity 64 GB Support Dual Channel DDR4 3200 MHz memory modules
<b>Ethernet</b>	2 x 2.5GbE LAN Ports (Intel® I226V)
<b>Graphic Support</b>	Integrated Graphics Processor - Intel® Iris® Xe Graphics: 2 x HDMI 2.0 ports, supporting a maximum resolution of 4096x2160 @60Hz  (2 independent display outputs)
<b>Audio</b>	Realtek® Audio Codec
<b>Storage</b>	1 x 2.5" HDD/SSD (SATA 6Gb/s)
<b>Expansion Slots</b>	1 x 2280 M.2 M-Key (PCIe Gen 4x4, SATA 6Gb/s) 1 x 2230 M.2 E-Key 1 x Full-size Mini PCIe with SIM slot
<b>Front I/O</b>	2 x RJ45 LAN Ports 4 x USB 3.2 Gen 2x1 2 x HDMI 1 x Power button with LED 1 x HDD LED 1 x COM Port (RS-232/422/485 & RI/5V/12V)
<b>Rear I/O</b>	2 x USB 2.0 2 x COM Ports (RS-232/422/485) 1 x GPIO (8 bits) 1 x Headphone Jack 1 x 3-pin Terminal block
<b>Side I/O</b>	2 x External Antenna Holes (Optional)
<b>Power</b>	+12V~36VDC (Full Range)
<b>Operation Temperature</b>	Operating temperature: 0°C to 50°C

	<p>Operating humidity: 0-90% (non-condensing)  Non-operating temperature: -40°C to 85°C  Non-operating humidity: 0%-95% (non-condensing)  Use wide temperature range memory and storage</p>
<b>Vibration During Operation</b>	<p>Operation: IEC 60068-2-64, 5 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD/M.2 2280  Non-operation: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis</p>
<b>Shock During Operation</b>	<p>Operation: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD</p>
<b>Packaging Content</b>	<p>Carton size: 505 x 333 x 231 (mm)  Packing Capacity: 5pcs</p> <p>Single Box size: 313 x 191 x 95 (mm)</p> <p>Including:  Screw I Head for 2.5" HDD M3x8L x 4 (P/N: 25KSG-130081-K1R)  Thermal Pad for Memory x 1 (P/N: 25ST3-200086-T5R)  SATA Cable x 1 (P/N: 25CRI-070000-S9R)  Terminal Blocks Male Plug x 1 (P/N: 25IO0-5ESDV0-D2R)</p>
<b>Order Information</b>	<p>6BQP1235AMR-SI (Box Packing)</p>
<b>Optional Kit</b>	<p>TPM 2.0 module P/N: 9CTM010NR-00  TPM Cable P/N: 25CRZ-100600-S9R</p>