

ADAM-6717

ADAM-6750

Intelligent I/O Gateway with Analog Input

Intelligent I/O Gateway with Digital I/O



ADAM-6717

Specifications

General

- **MCU** Cortex-A8 32-Bit 1GHz
- **Memory** DDR3L 512MB
- **Storage** NAND flash 512MB for system storage
microSD Slot (Optional)
- **OS** RT Linux V3.12
- **Programming** Node-RED Linux C
- **Power input** 10 ~ 30 V_{DC}
- **Operation temperature** -40 ~ 70°C
- **Storage temperature** -40 ~ 85°C
- **Isolation** 2500 V_{DC}

Communication

- **LAN port** 2 x RJ-45 10/100 Mbps (2MAC ID)
- **Serial port** 2 x RS-485
- **USB port** 1 x Type-A USB, 1 x Micro USB (Client)

Analog Input

- **Channels** 8 (differential)
- **Sampling Rate** 10 or 100 samples/ second (total)
- **Resolution** 16 bits
- **Input Range** 0 ~ 150mV, 0 ~ 500mV, 0 ~ 1V, 0 ~ 5V, 0 ~ 10V,
±150 mV, ±500 mV, ±1V, ±5 V, ±10 V, ±20 mA,
0 ~ 20 mA, 4 ~ 20mA

Digital Output

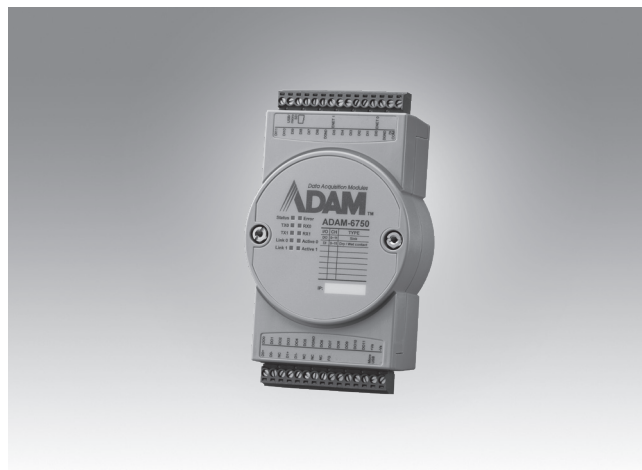
- **Channels** 4
- **Output type** Sink 30 V_{DC}, 0.1A max. per channel

Digital Input

- **Channels** 5
- **Dry contact** logic 0: close to ground
logic 1: Open
- **Wet contact** logic 0: 0 ~ 3 V_{DC}
logic 1: 10 ~ 30 V_{DC}

Ordering information

- **ADAM-6717** Intelligent I/O Gateway with Analog Input



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Communication

- **LAN port** 2 x RJ-45 10/100 Mbps (2MAC ID)
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- **USB port** 1 x Type-A USB, 1 x Micro USB

Digital Input

- **Channels** 12
support 3KHz counter input
- **Dry contact** logic 0 close to ground
logic 1 Open
- **Wet contact** logic 0: 0 ~ 3 V_{DC}
logic 1: 10 ~ 30 V_{DC}

Digital Output

- **Channels** 12 (support 3KHz pulse output)
- **Output type** Sink 30 V_{DC}, 0.1A max. per channel

Ordering information

- **ADAM-6750** Intelligent I/O Gateway with Digital I/O

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