

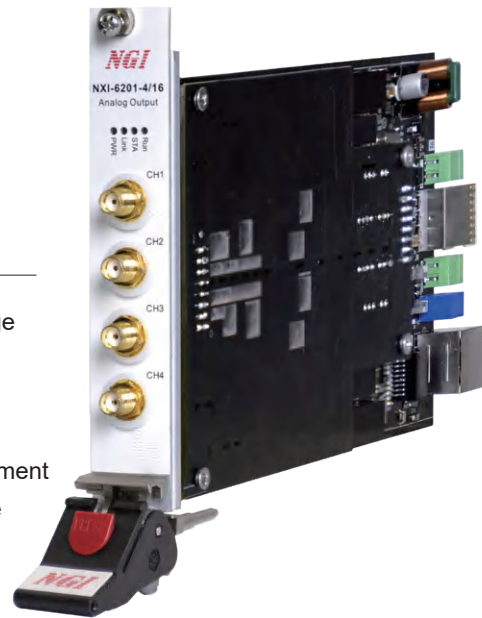
# NXI-6201-4/16

## Analog Output Card Module

### Product Introduction

NXI-6201-4/16 is a 16-bit 4-channel analogue output card. The voltage accuracy is as high as 0.03%+0.02%F.S. through high precision measurement.

NXI-6201-4/16 can be used in NXI modular instrumentation measurement and control chassis or powered separately, widely used in automotive electronics, new energy storage and other test scenarios, such as simulation of shunt/Hall current sensor outputs for total current signal simulation testing.



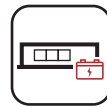
### Application Fields



Shunt Simulation



Hall Sensor Simulation



Other ATE Systems



BMS Test System

### Main Features

- Analogue output range:  $\pm 5V$ ,  $\pm 200mV$
- 4-channel analog output with inter-channel isolation
- Output resolution: 16 bits
- Voltage accuracy up to 0.03% + 0.02% F.S.
- Current accuracy: 0.05%+0.05%F.S.
- Support each channel independent configuration voltage/current
- Single card with single slot, applicable to NXI-F1000 chassis or independent use
- Support Modbus-RTU, SCPI and CANopen protocols
- Support 12VDC power supply input, LAN communication for individual control

## Technical Data Sheet

<b>Model</b>	<b>NXI-6201-4/16</b>	
Voltage	±5V/±200mV	
Current	±200mA	
Channels	4	
CV Mode		
Range	0~±5V	0~±200mV
Resolution	100μV	10μV
Accuracy (23±5°C)	0.03%+1mV	0.03%+40μV
Ripple	≤0.5mVrms	
Output load	≤10mA	
Temperature Coefficient	30ppm/°C	
CC Mode		
Range	0~±200mA	
Resolution	0.1mA	
Accuracy (23±5°C)	0.05%+100μA	
Temperature Coefficient	50ppm/°C	
Dynamic Characteristic		
Rise Rate	0.35V/μs	1.5mV/μs
Set-up Time	100μs (to±0.01%F.S.)	
Others		
Test Terminal	SMA terminal	
Operating Power	12VDC±10%, <2A	
Communication Interface	LAN, CAN	
Temperature	Working temperature: 0°C~40°C; Storage temperature: -20°C~60°C	
Operating Environment	Altitude: <2000m; relative humidity: 5%~90% (no condensation); operating air pressure: 80~110kPa	
Dimensions	130.5mm (H) *20mm (W) *230.5mm (D) (with extractor)	

Note 1: For more and latest information, please contact NGI.  
 Note 2: For other specifications, please contact NGI.