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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Keysight N5771A Power Supply, 300V, 5A, 1500W

Agilent Keysight N5771A System DC Power Supply The Agilent/Keysight N5771A is an N5700 Series single-output system DC power supply rated 300 V / 5 A / 1500 W in a 1U package. OEM N5700 Series datasheets list built-in V/I measurement, GPIB/LAN/USB (LXI Class C), universal 85 to 265 Vac input, and paralleling/series connection flexibility. ATE racks, design validation, and manufacturing DC bias needing compact 1U programmable power with LXI connectivity. CV Ripple Noise Peak To Peak: 150 mV (up to 20 MHz) The Agilent/Keysight N5771A is an N5700 Series single-output system DC power supply rated 300 V / 5 A / 1500 W in a 1U package. OEM N5700 Series datasheets list built-in V/I measurement, GPIB/LAN/USB (LXI Class C), universal 85 to 265 Vac input, and paralleling/series connection flexibility. ATE racks, design validation, and manufacturing DC bias needing compact 1U programmable power with LXI connectivity. CV Ripple Noise Peak To Peak: 150 mV (up to 20 MHz) CV Ripple Noise RMS: 20 mV (5 Hz to 1 MHz)



MODEL

**Agilent / Keysight
N5771A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5771A

LISTING

<https://aumictechlabs.com/products/n5771a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N5771A is a versatile single-output DC power supply designed for benchtop and system applications. Delivering up to 300W, this power supply provides stable and precise DC power with programmable voltage and current settings. It includes built-in overvoltage and overcurrent protection to safeguard your devices under test. Remote sensing ensures accurate

voltage regulation at the load, compensating for voltage drops in the wires. Its compact size and comprehensive features make it suitable for R&D, manufacturing, and automated testing environments.

Features & description

From manufacturer datasheet

Built-in voltage and current measurement

OVP OCP OTP and UVL protection Analog programming and monitoring Technical Specifications
Model: N5771A DC Output Voltage: 300 V DC Output Current: 5 A DC Output Power: 1500 W CV Ripple
Noise Peak To Peak: 150 mV (up to 20 MHz) CV Ripple Noise RMS: 20 mV (5 Hz to 1 MHz) Load Effect
Voltage: 32 mV Load Effect Current: 6 mA Programming Accuracy Voltage: 0.05 percent + 150 mV
Programming Accuracy Current: 0.1 percent + 5 mA Measurement Accuracy Voltage: 0.1 percent + 300
mV Measurement Accuracy Current: 0.1 percent + 15 mA Overvoltage Protection Range: 5 to 330 V
Programming Resolution Voltage: 36 mV Programming Resolution Current: 0.6 mA CC Ripple Noise
RMS: 25 mA Remote Sense Compensation Per Lead: 5 V Load Transient Recovery Time: less than or
equal to 2 ms AC Input: 85 to 265 Vac 47 to 63 Hz universal Remote Interfaces: GPIB Ethernet LAN USB
2.0 LXI Compliance: LXI ClassC Form Factor: 1U 19 inch Command Response Time Class: 55 ms class
Series Family: Keysight N5700 Series Notes From Keysight N5700 Series System DC Power Supplies
data sheet model column for N5771A. Warranted over 0 to 40 C ambient unless noted.

N5771A Characteristics / Specifications

PARAMETER	VALUE
Model	N5771A
DC Output Voltage	300 V
DC Output Current	5 A
DC Output Power	1500 W
CV Ripple Noise Peak To Peak	150 mV (up to 20 MHz)
CV Ripple Noise RMS	20 mV (5 Hz to 1 MHz)
Load Effect Voltage	32 mV
Load Effect Current	6 mA
Programming Accuracy Voltage	0.05 percent + 150 mV
Programming Accuracy Current	0.1 percent + 5 mA
Measurement Accuracy Voltage	0.1 percent + 300 mV
Measurement Accuracy Current	0.1 percent + 15 mA
Overvoltage Protection Range	5 to 330 V
Programming Resolution Voltage	36 mV
Programming Resolution Current	0.6 mA
CC Ripple Noise RMS	25 mA
Remote Sense Compensation Per Lead	5 V
Load Transient Recovery Time	less than or equal to 2 ms
AC Input	85 to 265 Vac 47 to 63 Hz universal
Remote Interfaces	GPIB Ethernet LAN USB 2.0
LXI Compliance	LXI ClassCForm Factor: 1U 19 inch
Command Response Time Class	55 ms class
Series Family	Keysight N5700 Series

N5771A Specifications

PARAMETER	VALUE
Agilent Keysight N5771A System DC Power Supply	Overview
Applications	ATE racks, design validation, and manufacturing DC bias needing compact 1U programmable power with LXI connectivity.
Key Features	1U high density system DC supply
OVP OCP OTP and UVL protection	Analog programming and monitoring
Technical Specifications	Model: N5771A
Notes	From Keysight N5700 Series System DC Power Supplies data sheet model column for N5771A. Warranted over 0 to 40 C ambient unless noted.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	N5771A
DC Output Voltage	300 V
DC Output Current	5 A
DC Output Power	1500 W
CV Ripple Noise Peak To Peak	150 mV (up to 20 MHz)
CV Ripple Noise RMS	20 mV (5 Hz to 1 MHz)
Load Effect Voltage	32 mV
Load Effect Current	6 mA
Programming Accuracy Voltage	0.05 percent + 150 mV
Programming Accuracy Current	0.1 percent + 5 mA
Measurement Accuracy Voltage	0.1 percent + 300 mV
Measurement Accuracy Current	0.1 percent + 15 mA
Overvoltage Protection Range	5 to 330 V
Programming Resolution Voltage	36 mV
Programming Resolution Current	0.6 mA
CC Ripple Noise RMS	25 mA
Remote Sense Compensation Per Lead	5 V
Load Transient Recovery Time	less than or equal to 2 ms
AC Input	85 to 265 Vac 47 to 63 Hz universal
Remote Interfaces	GPIO Ethernet LAN USB 2.0
LXI Compliance	LXI ClassCForm Factor: 1U 19 inch
Command Response Time Class	55 ms class
Series Family	Keysight N5700 Series
Notes	
From Keysight N5700 Series System DC Power Supplies data sheet model column for N5771A. Warranted over 0 to 40 C ambient unless noted.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.