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**Data Sheet**

August 14, 2026

AGILENT / KEYSIGHT

# Agilent/Keysight N8262A PXI LXI RF Power Amplifier

Agilent Keysight N8262A P-Series Modular LXI Power Meter The Agilent/Keysight N8262A is a dual-channel LXI Class CP-Series modular power meter for LAN ATE, not an RF amplifier. OEM data sheet 5989-6605 lists 100 Msample/s continuous sampling, video/single-shot bandwidth greater than or equal to 30 MHz, rise/fall time less than or equal to 13 ns at frequencies greater than or equal to 500 MHz (video BW Off), 50 ns minimum pulse width, and compatibility with N1921A/N1922A P-Series wideband sensors plus E-Series (except E9320) and 8480 sensors. The Agilent/Keysight N8262A is a dual-channel LXI Class CP-Series modular power meter for LAN ATE, not an RF amplifier. OEM data sheet 5989-6605 lists 100 Msample/s continuous sampling, video/single-shot bandwidth greater than or equal to 30 MHz, rise/fall time less than or equal to 13 ns at frequencies greater than or equal to 500 MHz (video BW Off), 50 ns minimum pulse width, and compatibility with N1921A/N1922A P-Series wideband sensors plus E-Series (except E9320) and 8480 sensors. Peak, average, and peak-to-average RF power, pulse timing, and gated power in LXI/LAN production and R&D racks.



MODEL

**Agilent / Keysight  
N8262A**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**N8262A**

LISTING

<https://aumictechlabs.com/products/n8262a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

**This unit**

The Keysight/Agilent N8262A P-Series Modular Power Meter works with automated LAN-based measurements of peak, peak-to-average ratio, and average power. This instrument offers a slim, compact 1U half-rack build for straightforward deployment and LXI-C compliance for seamless integration into Automated Test Equipment (ATE) systems. It has real-time remote operations via an online web browser and features a Graphical User Interface (GUI) that emulates the display of the N1911/12 P-Series power meters, delivering equivalent performance to the benchtop N1911/12A models. The N8262A offers a video bandwidth of 30 MHz and is code-compatible with P-Series and EPM-P power meters. It supports a wide range of Keysight power sensors, including all P-Series wideband power sensors, E-Series power sensors (excluding the E9320 range), and 8480 Series power sensors. For certain sensor compatibility, such as the E-Series and 8480 Series, specific cables like the N1917A/B/C/D may be required. The instrument's LAN interface contributes to a lower cost of ownership compared to PXI or VXI-based interfaces. It is also supported by the Keysight BenchVue software's BV0007B Power Meter/Sensor Control and Analysis app, which simplifies instrument connection and control.

**Technical Specifications**

- \* Frequency Range (High): 40.00 GHz
- \* Channels: 2
- \* Video Bandwidth: 30 MHz
- \* Compliance: LXI-C
- \* User Interface: \* Online web browser for real-time remote operations \* Graphical User Interface (GUI) emulating N1911/12 P-Series power meters
- \* Compatibility: \* Keysight P-Series wideband power sensors \* Keysight E-Series power sensors (excluding E9320 range) \* Keysight 8480 Series power sensors
- \* Requires N1917A/B/C/D cables for E-Series and 8480 Series sensors
- \* Code-compatible with P-Series and EPM-P power meters
- \* Measurement Capabilities: \* Peak power \* Peak-to-average ratio \* Average power \* Time-gated measurements \* Video output proportional to measured input power (BNC connector on rear panel), 50 ohm impedance
- \* Physical Characteristics \* Form Factor: Slim, compact build (1 U half rack)
- \* Dimensions: \* Height: 44.2 mm (1.74 in) \* Length: 420.3 mm (16.55 in) \* Width: 212.6 mm (8.37 in) \* Weight: 7.7 lbs
- \* Interfaces \* Primary Interface: LAN (Ethernet)
- \* Compliance: LXI-C
- \* Video Output: DC voltage proportional to measured input power, 50 ohm impedance
- \* Included Accessories \* P-Series modular power meter unit
- \* Certificate of calibration
- \* Documentation CD-ROM
- \* Keysight Instrument Control DVD
- \* IO Libraries Suite
- \* Command Expert
- \* BenchVue Software
- \* Platform Installation Guide
- \* Power cord

**Why Choose Aumictech for Agilent/Keysight N8262A?** At Aumictech, we specialize in supplying high-end RF and microwave test equipment. Whether you need precise power measurements up to 40 GHz, seamless integration into your existing ATE systems, or efficient automated testing capabilities, our team ensures the Agilent/Keysight N8262A delivers maximum performance for your application.

## N8262A Characteristics / Specifications

| PARAMETER                       | VALUE                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------|
| Instrument Type                 | Dual-channel LXI modular peak/average power meter                                           |
| Lxi Class                       | LXI ClassCcompliant                                                                         |
| Channel Count                   | 2                                                                                           |
| Maximum Sampling Rate           | 100 Msamples/s continuous                                                                   |
| Video Bandwidth                 | greater than or equal to 30 MHz                                                             |
| Single Shot Bandwidth           | greater than or equal to 30 MHz                                                             |
| Rise And Fall Time              | less than or equal to 13 ns for frequencies greater than or equal to 500 MHz (video BW Off) |
| Minimum Pulse Width             | 50 ns recommended viewable width                                                            |
| Overshoot                       | less than or equal to 5 percent (video BW Off)                                              |
| Dynamic Range Above 500 MHz     | minus 35 to plus 20 dBm                                                                     |
| Dynamic Range 50 To 500 MHz     | minus 30 to plus 20 dBm                                                                     |
| Maximum Capture Length          | 1 second                                                                                    |
| Maximum Pulse Repetition Rate   | 10 MHz (10 samples per period)                                                              |
| Instrumentation Linearity       | plus or minus 0.8 percent                                                                   |
| Timebase Range                  | 2 ns to 100 ms/div                                                                          |
| Timebase Accuracy               | plus or minus 10 ppm                                                                        |
| Timebase Jitter                 | less than or equal to 1 ns                                                                  |
| Internal Trigger Range          | minus 20 to plus 20 dBm                                                                     |
| Internal Trigger Resolution     | 0.1 dB                                                                                      |
| Internal Trigger Level Accuracy | plus or minus 0.5 dB                                                                        |
| Internal Trigger Latency        | 160 ns plus or minus 10 ns                                                                  |
| External Ttl Trigger Latency    | 90 ns plus or minus 10 ns                                                                   |
| Trigger Delay Range             | plus or minus 1.0 s maximum                                                                 |
| Average Accuracy N1921A         | less than or equal to plus or minus 0.2 dB or plus or minus 4.5 percent                     |
| Average Accuracy N1922A         | less than or equal to plus or minus 0.3 dB or plus or minus 6.7 percent                     |

| PARAMETER                       | VALUE                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------|
| Sensor N1921A Frequency         | 50 MHz to 18 GHz, Type-N (m)                                                             |
| Sensor N1922A Frequency         | 50 MHz to 40 GHz, 2.4 mm (m)                                                             |
| Power Reference                 | 1.00 mW (0.0 dBm) at 50 MHz nominal, Type-N (f) 50 ohm                                   |
| Power Reference Accuracy 2 Year | plus or minus 1.2 percent (0 to 55 C); plus or minus 0.4 percent (25 plus or minus 10 C) |
| Power Reference Swr             | 1.08 (0 to 55 C); 1.05 typical                                                           |
| Line Voltage                    | 100 to 120 V plus or minus 10 percent and 220 to 240 V plus or minus 10 percent          |
| Line Frequency                  | 50 to 60 Hz plus or minus 10 percent all voltages; 400 to 440 Hz on 100 to 120 V only    |
| Power Requirement               | not exceeding 75 VA (50 W)                                                               |
| Measurement Speed Remote        | greater than or equal to 1500 readings per second                                        |
| Remote Interface                | 10/100BaseT LAN; SCPI                                                                    |
| Dimensions HxWxD                | 44.2 mm x 212.6 mm x 420.3 mm excluding protrusions                                      |
| Net Weight                      | less than or equal to 3.5 kg (7.7 lb) approximate                                        |
| Operating Temperature Spec      | 0 to 55 C warranted meter specifications                                                 |
| Literature                      | Keysight N8262A P-Series Modular Power Meter data sheet 5989-6605                        |
| Bandwidth                       | greater than or equal to 30 MHz                                                          |
| Operating temperature           | Spec: 0 to 55 C warranted meter specifications                                           |

# General Specifications & Supplementary Characteristics

| PARAMETER                  | VALUE                                                                                                                                                                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature      | Spec: 0 to 55 C warranted meter specifications                                                                                                                                                                                                                                                                    |
| Operating Temperature      | Spec: 0 to 55 C warranted meter specifications                                                                                                                                                                                                                                                                    |
| Operating Temperature Spec | 0 to 55 C warranted meter specifications                                                                                                                                                                                                                                                                          |
| Literature                 | Keysight N8262A P-Series Modular Power Meter data sheet 5989-6605 Notes Confirmed as an LXI P-Series modular power meter (not an amplifier) from Keysight/Agilent N8262A data sheet 5989-6605. Sensor SWR and calibration-uncertainty tables in that data sheet apply to N1921A/N1922A when used with the N8262A. |

# 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                                                                                       |
| Instrument Type                 | Dual-channel LXI modular peak/average power meter                                           |
| Lxi Class                       | LXI ClassCcompliant                                                                         |
| Channel Count                   | 2                                                                                           |
| Maximum Sampling Rate           | 100 Msamples/s continuous                                                                   |
| Video Bandwidth                 | greater than or equal to 30 MHz                                                             |
| Single Shot Bandwidth           | greater than or equal to 30 MHz                                                             |
| Rise And Fall Time              | less than or equal to 13 ns for frequencies greater than or equal to 500 MHz (video BW Off) |
| Minimum Pulse Width             | 50 ns recommended viewable width                                                            |
| Overshoot                       | less than or equal to 5 percent (video BW Off)                                              |
| Dynamic Range Above 500 MHz     | minus 35 to plus 20 dBm                                                                     |
| Dynamic Range 50 To 500 MHz     | minus 30 to plus 20 dBm                                                                     |
| Maximum Capture Length          | 1 second                                                                                    |
| Maximum Pulse Repetition Rate   | 10 MHz (10 samples per period)                                                              |
| Instrumentation Linearity       | plus or minus 0.8 percent                                                                   |
| Timebase Range                  | 2 ns to 100 ms/div                                                                          |
| Timebase Accuracy               | plus or minus 10 ppm                                                                        |
| Timebase Jitter                 | less than or equal to 1 ns                                                                  |
| Internal Trigger Range          | minus 20 to plus 20 dBm                                                                     |
| Internal Trigger Resolution     | 0.1 dB                                                                                      |
| Internal Trigger Level Accuracy | plus or minus 0.5 dB                                                                        |
| Internal Trigger Latency        | 160 ns plus or minus 10 ns                                                                  |
| External Ttl Trigger Latency    | 90 ns plus or minus 10 ns                                                                   |
| Trigger Delay Range             | plus or minus 1.0 s maximum                                                                 |
| Average Accuracy N1921A         | less than or equal to plus or minus 0.2 dB or plus or minus 4.5 percent                     |

| PARAMETER                       | VALUE                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------|
| Average Accuracy N1922A         | less than or equal to plus or minus 0.3 dB or plus or minus 6.7 percent                  |
| Sensor N1921A Frequency         | 50 MHz to 18 GHz, Type-N (m)                                                             |
| Sensor N1922A Frequency         | 50 MHz to 40 GHz, 2.4 mm (m)                                                             |
| Power Reference                 | 1.00 mW (0.0 dBm) at 50 MHz nominal, Type-N (f) 50 ohm                                   |
| Power Reference Accuracy 2 Year | plus or minus 1.2 percent (0 to 55 C); plus or minus 0.4 percent (25 plus or minus 10 C) |
| Power Reference Swr             | 1.08 (0 to 55 C); 1.05 typical                                                           |
| Line Voltage                    | 100 to 120 V plus or minus 10 percent and 220 to 240 V plus or minus 10 percent          |
| Line Frequency                  | 50 to 60 Hz plus or minus 10 percent all voltages; 400 to 440 Hz on 100 to 120 V only    |
| Power Requirement               | not exceeding 75 VA (50 W)                                                               |
| Measurement Speed Remote        | greater than or equal to 1500 readings per second                                        |
| Remote Interface                | 10/100BaseT LAN; SCPI                                                                    |
| Dimensions HxWxD                | 44.2 mm x 212.6 mm x 420.3 mm excluding protrusions                                      |
| Net Weight                      | less than or equal to 3.5 kg (7.7 lb) approximate                                        |
| Operating Temperature Spec      | 0 to 55 C warranted meter specifications                                                 |
| Literature                      | Keysight N8262A P-Series Modular Power Meter data sheet 5989-6605                        |

#### Notes

Confirmed as an LXI P-Series modular power meter (not an amplifier) from Keysight/Agilent N8262A data sheet 5989-6605. Sensor SWR and calibration-uncertainty tables in that data sheet apply to N1921A/N1922A when used with the N8262A.

### Available from Aumictech

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

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

#### Aumictech

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30-day returns  
NAICS 423690 · 811210 · 541380  
Generated August 14, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.