SPEC SHEET

Nest Learning Thermostat

Programs itself. Then pays for itself.



Meet the Nest Learning Thermostat.

It learns what temperatures you like, turns itself down when you're away and connects to your phone. It has a big, sharp display. And it's proven to help save energy. In independent studies, the Nest Thermostat saved an average of 10% to 12% on heating bills and 15% on cooling bills. We've estimated average savings of \$131 to \$145 a year.

How does it work?

Auto-Schedule

No more confusing programming. It learns the temperatures you like and programs itself.

Remote control

Connect the Nest Thermostat to Wi-Fi to change the temperature from your phone, tablet or laptop.



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You'll see the Leaf when you choose a temperature that saves energy. It guides you in the right direction.

Early-On

Nest learns how your home warms up and keeps an eye on the weather to get you the temperature you want when you want it.

Home/Away Assist

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The Nest Thermostat automatically turns itself down when you're away to avoid heating or cooling an empty home.

Energy History

See when heating and cooling were on and what affected your energy use.

Safety Temperature Alerts

Get an alert on your phone or tablet if your home gets dangerously hot or cold.

Farsight

When the Nest Thermostat spots you across the room, it lights up beautifully to show you the time, temperature or weather.



FEATURES

SPECS

- Auto-Schedule
 - Home/Away Assist • Energy History
 - Home Report
 - Nest Leaf
 - Nest app
 - Farsight
 - Airwave
 - Allwave

- Color
- Stainless Steel
- White
- Black
- Copper
- Polished Steel
- Mirror Black
- Brass

Display

- 24-bit color LCD
- 480 x 480 resolution
- 2.08 in (5.3 cm) diameter

Sensors

- Temperature
- Humidity
- Near-field activity
- Far-field activity
- Ambient light

Size and weight

- Display
- Mass: 7.25 oz (205.4 g)
- Diameter: 3.3 in (8.4 cm)
- Height: 1.06 in (2.69 cm)

• System Match: Early-On, Heat Pump Balance,

- True Radiant
- Time-to-Temperature
- Weather aware
- Advanced Fan Control

- Mass: 1.35 oz (38.3 g)

- Diameter: 3 in (7.6 cm)

- Height: 0.42 in (1.1 cm)

- Mass: 8.6 oz (243.7 g)

Wi-Fi connection with

Nest app on phone or

Windows 7 or later

Free Nest Account

Languages

English

French

Spanish

• Dutch

internet access

- Diameter: 3.3 in (8.4 cm)

- Height: 1.21 in (3.08 cm)

Remote control requirements

tablet with iOS or Android • Latest version of Safari, Chrome,

Firefox or Internet Explorer on

Mac OS X v10.9 or later and

- Sunblock
- Cool to Dry

Assembled

Base

Thermostat Lock

- Software updates over Wi-Fi
- Safety Temperature Alert
- Furnace Heads-Up
- Filter Reminder
- System Test

Wireless

- Working Wi-Fi connection: 802.11b/g/n @ 2.4GHz, 5GHz
- Wireless interconnect: 802.15.4 @ 2.4GHz
- Bluetooth Low Energy (BLE)

Battery

• Built-in rechargeable lithium-ion battery

Power consumption

• Less than 1 kWh per month

Warranty

- 2-year limited warranty. For help, visit nest.com/support. Our support team is also available by phone 24/7.
- IN THE BOX Display • Mounting screws and labels Welcome Guide • Base Nest screwdriver Nest Pro installation card Optional trim kit Installation Guide COMPATIBILITY • The Nest Learning Thermostat - Heating: 1, 2 and 3 stages - Humidifier or dehumidifier (HUM, works with 95% of 24V heating (W1, W2, W3) DEHUM) and cooling systems, including - Cooling: 1 and 2 stages (Y1, Y2) - Fan (G) gas, electric, forced air, heat - Power (C, RH, RC) - Heat pump: with auxiliary and pump, radiant, oil, hot water, emergency heat (O/B, AUX, E) solar and geothermal.



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Nest Temperature Sensor

The right temperature. Right where you want it.

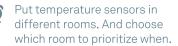


Meet the Nest Temperature Sensor.

Most homes aren't the same temperature in every room. With the Nest Temperature Sensor, you can let your Nest thermostat know which room should be a certain temperature at a certain time of day. Just place it on a wall or shelf and get the right temperature, right where you want it.

Features







Place it on a wall or shelf. Then forget it's even there.



3400 Hillview Ave Palo Alto, CA 94304

Color • White

Diameter

• 1.9 in (50 mm) Height

• 0.8 in (22.5 mm)

Mass

• 1.6 oz (45 g)

Battery

- One CR2 3V lithium battery (included)
- Up to 2-year battery life

Features

- Senses temperature
- Communicates temperature to compatible Nest thermostats

Sensors

• Temperature sensor

Wireless

Bluetooth Low Energy

Range

• Up to 50 feet away from your Nest thermostat. Range can vary depending on your home's construction, wireless interference and other factors.

Compatibility

• Requires an installed Nest Learning Thermostat (3rd generation) or Nest Thermostat E. Identify your thermostat at

nest.com/whichthermostat

• Up to 6 Nest Temperature Sensors supported per connected thermostat and up to 18 Nest Temperature Sensors supported per home.

Operating temperature

- 32° to 104°F (0° to 40°C)
- Indoor use only

Certification

• UL 60730-2-9, Particular Requirements for Temperature Sensing Controls

Green

- RoHS compliant
- REACH compliant
- CA Proposition 65
- Recyclable packaging
- Learn more at **nest.com/** responsibility

Warranty

• 1 year

IN THE BOX

Nest Temperature Sensor

Mounting screw

Installation card

