

## 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.



#### Nest Leaf

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

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

- Auto-Schedule
- Home/Away Assist
- Energy History
- Home Report
- Nest Leaf
- Nest app
- Farsight
- Airwave
- System Match: Early-On, Heat Pump Balance, True Radiant
- Time-to-Temperature
- Weather aware
- Advanced Fan Control
- Sunblock
- Cool to Dry
- Thermostat Lock
- Software updates over Wi-Fi
- Safety Temperature Alert
- Furnace Heads-Up
- Filter Reminder
- System Test

## SPECS

- 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)
  - Base
    - Mass: 1.35 oz (38.3 g)
    - Diameter: 3 in (7.6 cm)
    - Height: 0.42 in (1.1 cm)
  - Assembled
    - Mass: 8.6 oz (243.7 g)
    - Diameter: 3.3 in (8.4 cm)
    - Height: 1.21 in (3.08 cm)
- Remote control requirements**
  - Wi-Fi connection with internet access
  - Nest app on phone or tablet with iOS or Android
  - Latest version of Safari, Chrome, Firefox or Internet Explorer on Mac OS X v10.9 or later and Windows 7 or later
  - Free Nest Account
- Languages**
  - English
  - French
  - Spanish
  - Dutch
- 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](http://nest.com/support). Our support team is also available by phone 24/7.

## IN THE BOX

- Display
- Base
- Optional trim kit
- Mounting screws and labels
- Nest screwdriver
- Installation Guide
- Welcome Guide
- Nest Pro installation card

## COMPATIBILITY

- The Nest Learning Thermostat works with 95% of 24V heating and cooling systems, including gas, electric, forced air, heat pump, radiant, oil, hot water, solar and geothermal.
- Heating: 1, 2 and 3 stages (W1, W2, W3)
- Cooling: 1 and 2 stages (Y1, Y2)
- Heat pump: with auxiliary and emergency heat (O/B, AUX, E)
- Humidifier or dehumidifier (HUM, DEHUM)
- Fan (G)
- Power (C, RH, RC)



3400 Hillview Ave  
Palo Alto, CA 94304

1-855-VIP-NEST  
[nest.com](http://nest.com)

## 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



Helps make sure a certain room is the exact temperature you want it to be.



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



Put temperature sensors in different rooms. And choose which room to prioritize when.

## SPECS

### 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](https://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](https://nest.com/responsibility)

### Warranty

- 1 year

---

## IN THE BOX

- Nest Temperature Sensor

- Mounting screw

- Installation card
- 



3400 Hillview Ave  
Palo Alto, CA 94304

1-855-VIP-NEST  
[nest.com](https://nest.com)