

## 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
- Stainless steel ring

## SPECS

- 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 plate
- 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)



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