

Nest Learning Thermostat™

Programs itself.
Control from anywhere™.



Meet the Nest Learning Thermostat

Nest learns your schedule to program itself, turns itself down when you're away, and shows how much energy you've used to help you save more.

Saves Energy

As Nest learns, it activates several energy saving features. Here's how Nest helps you save energy:



Auto schedule™

No more programming hassles. Nest learns the temperatures you like and programs itself.



Auto-Away™

To avoid heating or cooling an empty home, Nest automatically turns itself to an energy-saving temperature when it detects that you're away.



Remote Control

Connect Nest to Wi-Fi to change the temp or adjust your schedule from a smartphone, tablet or laptop.



Airwave™

Automatically turns off the AC a few minutes early, but keeps the fan running. The air stays cool but your AC runs up to 30% less.



Energy History

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



Nest Leaf

The Nest Leaf appears when you turn Nest to a temperature that's energy efficient, guiding you to energy savings.



System Match™

Make sure you're getting the most out of your high-efficiency system. System Match turns on specific features for forced air, heat pump or radiant to help you save and keep you comfortable.



UNIQUE TO NEST

- Auto-Schedule
- Auto-Away
- Nest Leaf
- Energy History and Report
- Airwave
- Nest Sense
- System Match
- Early-On
- Heat Pump Balance
- True Radiant
- Time-to-Temperature
- Thermostat Lock
- Multiple Thermostat coordination
- Nest Web and Mobile App
- Software updates over Wi-Fi
- Stainless steel ring
- Chameleon design
- Press connectors
- Built-in bubble level
- Silent relays

DETAILED SPECS

LCD Display

- 24 bit color
- Ø320 display
- 1.75" diameter

Battery

- Built-in rechargeable lithium-ion battery

Sensors

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

Languages

- English
- French
- Spanish

Wireless

- 802.11b/g/n @ 2.4GHz
- 802.15.4 @ 2.4GHz

Warranty

- 2 year limited warranty

COMPATIBILITY

Nest works with over 95% of 24V heating and cooling systems, including gas, electric, oil, solar, hot water, geothermal, forced air, heat pump and radiant.

- Heating: one, two and three stages (W1, W2, W3)

- Cooling: 1 and 2 stages (Y1, Y2)
- Heat pump: with auxiliary and emergency heat (O/B, AUX, E)
- Fan (G)
- Power (C, Rh, Rc)

- Whole Humidifier or dehumidifier (HUM, DEHUM)*
 - Dual fuel systems (heat pump with furnace)*
- Common wire not required in 99% of installations.

* Professional installation recommended

SIZE

Nest Display

- Mass = 207g / 7.3oz
- Diam = 83.0mm / 3.0 in
- Height = 28.0mm / 1.10 in

Nest Base

- Mass = 37g / 1.3oz
- Diam = 76.5mm / 3.01 in
- Height = 10.7mm / 0.42 in

Assembled

- Mass = 244g / 8.6oz
- Diam = 83.0mm / 3.26 in
- Height = 31.6mm / 1.24 in

INSIDE THE BOX

- Nest Learning Thermostat
- Installation guide

- Welcome Guide
- Nest screwdriver

- Wall screws
- Optional Trim kit



ENVIRONMENTAL

Green

- RoHS Compliant
- Mercury Free
- 100% Recyclable Packaging

Operating

- Temperature 0°C to 40°C or 32°F to 104°F
- Humidity: 0%RH to 90%RH

Storage

- Temperature: -20°C to 45°C or -4°F to 113°F
- Humidity: 40%RH to 80%RH

SHIPPING

Description/Part

English-Spanish – T200577

English-French – T200477

Single UPC

854448003037

854448003044

Case Pack UPC

10854448003034

10854448003041



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