



Nest Thermostat

Turn up your savings.



[Infosheet](#)



So many ways to save

- Just \$129.99, and designed to pay for itself in energy savings.
- Schedule your heating and cooling so it only works when it needs to.
- Savings Finder suggests more ways to save energy.¹
- The Nest Thermostat turns down the heating and cooling system when there's no one home.



Heating and cooling system care

- Monitors your heating and cooling system and alerts you if something isn't right.^{1,2,3}
- Makes maintenance easier by proactively sending reminders to change things like filters.^{1,2,3}
- Book an approved Pro right from the Google Home app and receive preferred pricing.



Control from anywhere

- See and adjust the temperature from anywhere using the Google Home app.^{1,2}
- The Google Home app guides you through setting up a heating and cooling schedule.^{1,2}
- Control with your voice using a Nest speaker or display.⁴
- All your data is encrypted for privacy. Use 2-Step verification to further improve your account security.



Easy to install and use

- DIY install usually in 30 minutes or less.⁵
- Easily manage your settings by swiping the touch bar on the right.



Nest Thermostat

See how Nest Thermostat compares to the rest of the Nest family.

Infosheet

	NEST THERMOSTAT	NEST LEARNING THERMOSTAT	NEST THERMOSTAT E (previous generation)
CONTROL FROM ANYWHERE WITH YOUR PHONE ¹	✓	✓	✓
PROVEN ENERGY-SAVING FEATURES	✓	✓	✓
ENERGY STAR [®] CERTIFIED	✓	✓	✓
TURNS ITSELF DOWN AFTER YOU LEAVE	✓	✓	✓
EASY SCHEDULING	Guided setup	Auto-schedule or manual	Auto-schedule, Basic Schedule or manual
HEATING AND COOLING SYSTEM ALERTS ³	✓	✓	✓
WORKS WITH ROOM SENSORS	✗	✓	✓
DISPLAY	Mirrored	High-res color	Frosted display
FARSIGHT SHOWS YOU THE TIME, TEMPERATURE OR WEATHER	✗	✓	✗
DESIGN	Available in multiple colors	Available in multiple metal finishes	Available in white only
TRIM KIT	Sold separately	Included	Included
COMPATIBILITY WITH HOME SYSTEM	Works with 85% of systems	Works with 95% of systems	Works with 85% of systems
INSTALL IN 30 MINUTES OR LESS	✓	✓	✓
MANUFACTURER'S WARRANTY	1 year	2 years	1 year
VOICE CONTROL WITH GOOGLE ASSISTANT OR ALEXA (SOLD SEPARATELY) ²	✓	✓	✓



Nest Thermostat

See how we compare to our competitors.

Infosheet

	NEST THERMOSTAT	TRADITIONAL PROGRAMMABLE THERMOSTATS
PROVEN ENERGY-SAVING FEATURES	✓	×
SAVINGS FINDER	✓	×
CONTROL FROM ANYWHERE ¹	✓ Google Home app	×
TURNS ITSELF DOWN WHEN YOU'RE AWAY	✓	×
HEATING AND COOLING MONITORING ALERTS ²	✓	×
PROGRAMMABLE SCHEDULE	Guided setup in app	On device only
VOICE CONTROL (SMART SPEAKER/DISPLAY SOLD SEPARATELY) ⁴	✓	×
MODERN DESIGN	✓	×

**Dimensions & weight**

Diameter: 3.3 in (84 mm)

Depth: 1.07 in (27.25 mm)

Weight: 4.9 oz (139 g)

Colors

● Charcoal

○ Snow

● Sand

● Fog

Materials

All plastic components are made from 49% post-consumer recycled plastic

Connectivity

Wi-Fi: 802.11b/g/n 2.4 GHz, 802.11a/n 5 GHz

Bluetooth Low Energy

Display

2.4-inch QVGA IPS liquid crystal display (240 x 320 pixels) with digital brightness enhancement film and mirrored glass lens

Sensors

Motion, Temperature, Humidity, Capacitive touch, Ambient light

Power

Primary power: From HVAC system wires

Battery backup: 2 AAA 1.5V alkaline batteries

Compatibility

Compatible with 85% of households:

- 24V heating and cooling systems, including furnaces, air conditioners, boilers, and heat pumps with either forced air or radiant delivery.
- Conventional systems that have one stage of heating and cooling and a second stage of either heating or cooling.
- Heat pumps that have one stage of heating and cooling and either aux or emergency heat.
- HVAC fans.
- The Nest Thermostat is designed to work if your home doesn't have a common ("C") wire. In some cases, particularly if you have a heating- or cooling-only system or use a zone controller, a C wire or other power-supply accessory may be necessary. See [g.co/nest/cwire](https://www.google.com/nest/cwire) for details.⁵

Supported operating systems for Google Home App^{1,2}

Android

iOS

In the box

Nest Thermostat

Base plate

Mount screws

Documentation

Sold separately

Trim kit

Trim plate (7.09 by 4.41in)

Steel plate (3.94 by 2.68in)

Mounting screws & guide

Want to know more?

Stay in the loop with our newsletter:

[goo.gle/newsletter-infosheet](https://www.google.com/newsletter-infosheet)

¹ Remote control and mobile notifications require working Internet and Wi-Fi.

² Requires working Internet, Wi-Fi and compatible smart devices.

³ We provide alerts to notify you of a potential issue with your HVAC system. Our goal is to provide helpful information, but we make no endorsement, representation, or warranty of any kind about the health of your HVAC system. Alerts aren't intended to replace a diagnosis by a qualified HVAC professional.

⁴ Voice control with Google Assistant requires a compatible smart device.

⁵ The Nest Thermostat is designed to work in most homes without a common (C) wire. Installing a new C wire may be required with heat-only or other systems. See [g.co/nest/cwire](https://www.google.com/nest/cwire) for details.