

SPEC SHEET

Nest Thermostat E

It's easy to save energy.



Meet the Nest Thermostat E.

Its simple design and new frosted display blend into the background. With proven energy-saving features, the Nest Thermostat E can help you save from day one. And you can change the temperature from anywhere – the beach, the office or your bed.



Frosted display

Blends into the background and fits into any home.



Remote control

Use the Nest app to change the temperature from anywhere – the beach, the office or your bed.



Proven energy-saving features

Like the Nest Learning Thermostat, the Nest Thermostat E can help you save from day one.



Home/Away Assist

Turns itself down after you leave, so you don't waste energy heating or cooling an empty home.



A simple schedule

Start with a basic schedule, then adjust it whenever you like.



Energy History

Check the Nest app to see how much energy you use and why.



3400 Hillview Ave
Palo Alto, CA 94304

1-855-469-6378
nest.com

FEATURES

- Auto-Schedule
- Home/Away Assist
- Energy History
- Home Report
- Nest Leaf
- Nest app
- 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**
 - White
- Display**
 - 24-bit color LCD
 - 320 x 320 resolution at 182 pixels per inch
 - 1.76 in (4.5 cm) diameter
- Sensors**
 - Temperature
 - Humidity
 - Proximity/Occupancy
 - Ambient light
- Size and weight**
 - Mass: 4.9 oz (139 g)*
 - Diameter: 3.19 in (8.1 cm)
 - Height: 1.14 in (2.89 cm)
 - *Weights may vary slightly
- Connectivity requirements**
 - Wi-Fi internet connection
 - Phone or tablet running iOS or Android
 - Nest app
- Languages**
 - English (US, UK)
 - Dutch
 - French (Canada, France)
 - Italian
 - Spanish (North America, Spain)
- Wireless**
 - Working Wi-Fi connection: 802.11b/g/n 2.4GHz, 802.11a/n 5GHz
- Wireless interconnect: 802.15.4 @ 2.4GHz, Bluetooth Low Energy
- Battery**
 - Built-in rechargeable lithium-ion battery
- Power consumption**
 - Less than 1 kWh/month
- Warranty**
 - 1-year limited warranty. For help, visit nest.com/support.

IN THE BOX

- Display
- Base
- Optional trim plate
- Mounting screws and labels
- Installation Guide
- Pro installation card

COMPATIBILITY

- The Nest Thermostat E works with most 24V heating and cooling systems, including gas, electric, forced air, heat pump, radiant, oil, hot water, solar and geothermal.
- Heating and cooling: 1 stage of heating (W1) and cooling (Y1) and a second stage of either heating (W2) or cooling (Y2).
- Heat pump: with auxiliary and emergency heat (O/B, AUX)
- Fan (G)
- Power (C, Rh or Rc)

BANDWIDTH REQUIREMENTS

- Average bandwidth approximately 50MB/week upload and 50MB/week download

CERTIFICATIONS

- UL 60730-1, Standard for Safety Automatic Controls
- UL 60730-2-9, Particular Requirements for Temperature Sensing Controls
- ENERGY STAR®



3400 Hillview Ave
Palo Alto, CA 94304

1-855-469-6378
nest.com