



# SMART HOME - GOOGLE NEST LEARNING THERMOSTAT (4TH GEN) WITH NEST TEMPERATURE SENSOR (2ND GEN)

Programmable smart thermostat with occupancy-based setbacks, remote access, and proactive HVAC monitoring to support measurable energy savings. The most advanced thermostat with improved learning features.



## PRODUCT SPECIFICATIONS

|  |   |
|--|---|
| <b>Dimensions and Weight<sup>1</sup></b> | 3.9" (W) x 1.1" (D) x 3.9" (H); 5.7oz   |
| <b>Colors</b>                            | Polished Silver<br>Polished Obsidian<br>Polished Gold   |
| <b>Display</b>                           | 2.68 in diameter<br>Circular liquid crystal display (600x600 pixels)  |
| <b>Sensors</b>                           | Soli sensor for Motion Sense<br>Humidity<br>Ambient light<br>Temperature  |
| <b>Power</b>                             | Voltage: 20-30VAC<br>Startup current: 4VA<br>Standby current: 2VA<br>Power source: HVAC system wiring<br>Battery: Built-in rechargeable lithium   |
| <b>Connectivity</b>                      | Wi-Fi 802.11n (2.4 GHz / 5 GHz)   |
| <b>HVAC System Compatibility</b>         | Works with most 24V systems, including gas, electric, oil, forced air, heat pump, and radiant.<br><br><b>It can control:</b><br>Heating 1, 2, and 3 stages (W1, W2, W3)<br>Cooling 1 and 2 (Y1, Y2)<br>Heat pump with auxiliary and emergency heat (O/B, AUX, E)<br>Fan (G, G2, G3)<br>Power (C, RH, RC)<br>Humidifier and Dehumidifier (HUM, DEHUM)<br>Ventilation (VENT)<br><br>The Nest Learning Thermostat's terminal can accept one of these wires: W3, E, HUM, or DEHUM. The AQ+ and AQ- terminals can accept 1-wire or 2-wire, VENT, HUM, or DEHUM |
| <b>Power Compatibility</b>               | <b>Patented Power Sharing Technology</b><br>Designed to work whether or not your home has a common "C" wire.<br>In limited cases (<1%), a C wire or Nest Power Connector is necessary to ensure that your HVAC system can provide sufficient power to the thermostat in all conditions.   |

## DETAILED DIMENSIONS



## FEATURES



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V1 - 011526





# SMART HOME - GOOGLE NEST LEARNING THERMOSTAT (4TH GEN) WITH NEST TEMPERATURE SENSOR (2ND GEN)

|   |   |
|---|---|
| <b>Smart Home and Voice Assistant Compatibility</b> | <p>Works with Google Home and Matter</p> <p>Installation and set up requires the Google Home app</p> <p>Control the Nest Learning Thermostat with Google Home and other Matter-enabled apps and voice assistants<sup>2</sup></p>  |
| <b>Accessories</b>                                  | <p>Trim plate to cover paint and drywall imperfections (included)</p> <p>Steel plate for installation on electrical box (included)</p>  |
| <b>Warranty</b>                                     | <p>2-year standard warranty for retail</p> <p>5-year standard warranty for HVAC Pros</p>  |
| <b>What's in the box</b>                            | <p>Thermostat display</p> <p>Thermostat base</p> <p>Trim plate</p> <p>Steel plate</p> <p>Mounting screws and wiring labels</p> <p>Nest Temperature Sensor (2nd gen)</p>   |
| <b>Sustainability</b>                               | <p>Battery contains 100% recycled cobalt.<sup>3</sup></p> <p>The Nest Learning Thermostat (4th gen) and Nest Temperature Sensor (2nd gen) bundle is made with at least 33% recycled materials.<sup>4</sup></p> <p>Packaging uses 100% plastic-free materials.<sup>5</sup></p> |
| <b>Certifications</b>                               | ENERGY STAR® certified thermostat   |

## MODEL INFORMATION

| MODEL      | CASE QTY |
|------------|----------|
| GA05169-US | 4        |
| GA05171-US | 4        |
| GA05560-US | 4        |



1 Measurement based on thermostat display only.  
 2 Check [csa.iot.org/members](https://csa.iot.org/members) for more information on Matter-certified smart home platforms. To control Matter-enabled Google devices with a 3rd party platform or app, you may need a device that works as a Matter hub from the 3rd party manufacturer.  
 3 Cobalt is 15% of the battery weight.  
 4 Based on product weight.  
 5 Based on retail packaging (excluding adhesive materials and required plastic stickers) as shipped by Google. To meet the request of some retail partners, stickers and/or security tags are applied to some packaging variations and may contain plastic.  
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