



# ENERGY STAR CERTIFIED Computers (Bold)

## HP - HP Pro c645 Chromebook ENERGY STAR : Pro C645

### Specifications

<b>ENERGY STAR Unique ID:</b>	2370324
<b>Brand Name:</b>	HP
<b>Model Name:</b>	HP Pro c645 Chromebook ENERGY STAR
<b>Model Number:</b>	Pro C645
<b>Type:</b>	Notebook
<b>Category 1: Processor Brand:</b>	AMD
<b>Category 1: Processor Name:</b>	Athlon Silver 3050C
<b>Category 1: Base Processor Speed Per Core (GHz):</b>	3.0
<b>Category 1: Physical CPU Cores (count):</b>	2
<b>Category 1: System Memory (GB):</b>	8
<b>Category 1: Default Low-power Mode:</b>	Sleep Mode
<b>Category 1: Long Idle Power Used for Sleep Mode:</b>	No
<b>Category 1: Off Mode (watts):</b>	0.2
<b>Category 1: Sleep Mode (watts):</b>	0.4
<b>Category 1: Long Idle (watts):</b>	1.7
<b>Category 1: Short Idle (watts):</b>	3.8
<b>Category 1: Base TEC Allowance (kWh):</b>	8
<b>Category 1: Functional Adder Allowances (kWh):</b>	11.7
<b>Category 1: TEC of Model (kWh):</b>	13.2
<b>Category 2: Processor Brand:</b>	AMD
<b>Category 2: Processor Name:</b>	Ryzen 7 3700C
<b>Category 2: Base Processor Speed Per Core (GHz):</b>	2.3
<b>Category 2: Physical CPU Cores (count):</b>	4
<b>Category 2: System Memory (GB):</b>	8
<b>Category 2: Default Low-power Mode:</b>	Sleep Mode
<b>Category 2: Long Idle Power Used for Sleep Mode:</b>	No
<b>Category 2: Off Mode (watts):</b>	0.2
<b>Category 2: Sleep Mode (watts):</b>	0.5
<b>Category 2: Long Idle (watts):</b>	4.1
<b>Category 2: Short Idle (watts):</b>	6.6

<b>Category 2: Base TEC Allowance (kWh):</b>	14
<b>Category 2: Functional Adder Allowances (kWh):</b>	12.9
<b>Category 2: TEC of Model (kWh):</b>	22.8
<b>Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:</b>	2,1
<b>Category 1: Operating System Name:</b>	Chrome OS
<b>Category 2: Operating System Name:</b>	Chrome OS
<b>Sleep Mode Default Time Upon Shipment (min.):</b>	9
<b>Display Sleep Mode Default Time Upon Shipment (min.):</b>	8
<b>Will the Speed of Any Active 1 GB/s or Higher Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or Off Mode?:</b>	No
<b>Ethernet Capability:</b>	No
<b>Touch Screen:</b>	Yes
<b>Date Available On Market:</b>	2020-12-04
<b>Date Certified:</b>	2020-11-04
<b>Markets:</b>	United States, Switzerland, Taiwan, Japan, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

HP Pro c645 Chromebook Enterprise ENERGY STAR,Pro C645,

**Captured On:**  
04/25/2025