



HP Chromebook 11 G7 Education Edition PC 6QY22UT (6QY22UT)



Overview

The rugged Chromebook™ that's built for schools

Empower students to create, collaborate, and learn with the HP Chromebook 11 EE. It offers the latest Intel® processors[1], interactive tools, Android™ apps[2], enhanced connectivity, and a long battery life that recharges fast in a design that can withstand drops[3] and minor spills.

Modern design meets durability

Deploy a sturdy device built for the whole day with a pick-proof, anchored, minor-spill-resistant keyboard and shock-absorbing molded rubber trim. Measuring only <19mm, it passes MIL-STD 810G[4], IP 41[5], and a 76 cm drop on concrete.[3]

Essential collaboration and creativity

Enable comfortable, convenient small-group discussions with HP Classroom Manager[9] and Android™ apps.[2] Get easy views from the 180° hinge that lies completely flat and optional HD IPS touchscreen.[10]

Powerful performance

Give students a boost with the intuitive Chrome OS™, the latest Intel® processors[1], and up to 8 GB memory and 64 GB[6] EMMC storage. Enjoy a long battery life that recharges fast and connect in large spaces with 2x2 WLAN[7] and MIMO.[8]

Features

Simplify deployments

Get a low-maintenance experience with the automatic software updates and virus protection of the Chrome OS™.^[11]

Reinforced design elements

Help prevent everyday wear and tear, water intrusion, and tampering with a keyboard that resists minor spills and is pick-proof and anchored to deter key removal.

Never slow down

Search, stream, and collaborate through the school day and beyond with up to 12 hours, 30 minutes battery life. Recharge to 90% battery life in 90 minutes with HP Fast Charge Technology.^[12,13]

The latest connectivity

Connect to accessories with two USB 3.1 Gen 1 ports and 3.5 mm mic and speaker ports. Reinforced USB-C™ ports on each side support USB-C™ accessories and Chromebook™ charging from a USB-C™ adapter.

Keep it clean

Help promote cleanliness in the classroom with a keyboard that can be wiped down repeatedly with common household cleaning wipes.^[14]

Redefine the digital classroom

Take control of the classroom, manage class PCs, and collaborate with students with the intuitive toolset of HP Classroom Manager.^[9]

[1] Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[2] Internet access required and sold separately. Some apps may require purchase.

[3] Drop test is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[4] MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[5] IP 41 test results are not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[6] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 5.1 GB is not user-available.

[7] The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.

[8] Multiple-Input Multiple-Output (MIMO) is a wireless technology that uses multiple transmitters and receivers to enhance data transfer. MIMO requires a MU-MIMO router, sold separately.

[9] HP Classroom Manager for students is available as a download. HP Classroom Manager Teacher Console sold separately.

[10] Sold separately or as an optional feature.

[11] Internet access required and sold separately.

[12] Testing conducted by HP using Google Chrome OS power_LoadTest. Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage. See <http://www.chromium.org/chromium-os/testing/power-testing> for test details.

[13] Recharges the battery up to 90% within 90 minutes when the system is off or in standby mode, when used with the power adapter provided with the notebook, and no external devices are connected. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.

[14] See user guide for cleaning instructions. Commonly used household cleaning solution wipes tested to 1,000 wipes include: n-Alkyl (C14, 60%; C16, 30%; C12, 5%; C18, 5%); Dimethyl Benzyl Ammonium Chloride 0.184%; n-Alkyl (C12, 68%; C14, 32%) Dimethyl Ethylbenzyl Ammonium Chloride 0.184%, other ingredients 99.632%. And solution: water, Ammonium Hydroxide, Propylene Glycol, Alkyl Polyglycoside, 2-Hexoxyethanol, fragrance.

Specifications

Operating system	Chrome OS™ 64
Product color	Chalkboard gray
Processor family	Intel® Celeron® processor
Processor	Intel® Celeron® N4000 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.6 GHz burst frequency, 4 MB cache, 2 cores) ^[6]
Memory	4 GB LPDDR4-2400 SDRAM (onboard)
Internal Storage	16 GB eMMC
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 600
Display	11.6" diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC ^[6,7,8]
Display size (diagonal)	11.6"
Audio	HD audio, dual speakers
Minimum dimensions (W x D x H)	30.6 x 20.8 x 1.89 cm
Minimum dimensions (W x D x H)	12.04 x 8.18 x 0.74 in
Weight	Starting at 1.33 kg (Weight will vary by configuration.)
Weight	Starting at 2.93 lb (Weight will vary by configuration.)
Keyboard	Full-size island-style, spill and pick resistant keyboard
Pointing device	Touchpad with multi-touch gesture support, taps enabled as default
Camera	720p HD webcam
Ports	2 USB 3.1 Type-C™ (Charge and video support, data transfer, power delivery); 1 USB 3.1 Gen 1 (charging); 1 Stereo headphone/microphone combo jack (Cables are not included.)
Expansion slots	1 microSD (Supports SD, SDHC, SDXC.)
Wireless	Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo (supporting gigabit data rate)
Power	45 W USB Type-C™ adapter ^[14]
Battery type	HP Long Life 2-cell, 47 Wh Li-ion polymer
Battery weight	0.39 lb
Battery weight	0.18 kg
Ecolabels	ENERGY STAR® certified
Sustainable impact specifications	Low halogen; TCO 5.0 Certified
Security management	H1 Security IC; Nano Security lock slot ^[11]

Software	HP Classroom Manager
Software included	HP Classroom Manager ^[10]
Cloud service	Google One™ (with 100 GB of storage and other exclusive benefits for 12 months) ^[9]
UPC number	193808707681
Manufacturer Warranty	1 year standard parts and labor limited warranty (1-1-0), depending on country (upgrades available). 1 year limited warranty on primary battery. ^[15]

Additional specifications

Accessories	HP Essential Backpack (up to 15.6") H1D24AA; HP USB-C Dock G4 3FF69AA; HP USB-C to HDMI 2.0 Adapter 1WC36AA; HP USB Collaboration Keyboard Z9N38AA; HP Comfort Grip Wireless Mouse H2L63AA
Additional information about HP in the countries	hp.com
Battery brand	HP
Battery capacity	47
Battery capacity uom	Wh
Battery cells number	2
Battery life	Long Life
Battery life note	Battery is internal and not replaceable by customer. Serviceable by warranty.
Battery type	Li-ion polymer
Brightness	220 nits
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color gamut	45% NTSC
Datasheet photo 1	Publication photos/Heron_1.jpg
Datasheet photo 2	Publication photos/HP-carepack-new-box.jpg
Datasheet photo 3	Publication photos/Heron_3.jpg
Datasheet photo 4	Publication photos/Heron_4.jpg
Datasheet photo 5	Publication photos/Heron_5.jpg
Datasheet publication number	4AA7-4223
Display	11.6" diagonal HD display
Display brightness	220
Display brightness uom	nits
Display resolution (pixels)	1366 x 768
Display resolution standard	HD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	11.6
Display size (diagonal, metric)	29.5
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
ECC memory	non-ECC

Fingerprint reader	Fingerprint reader not available
Keyboard features	Pick and spill resistant
Keyboard size	Full-size
Memory and storage	4 GB memory; 16 GB eMMC storage
Memory layout (slots & size)	onboard
Memory module type	DIMM
Memory size	4
Memory size uom	GB
Memory speed	3733
Memory speed uom	MHz
Memory type	LPDDR4
Number of memory slots	1
Playbook TS icon OS	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor base frequency	1.1
Processor cache	4 MB L3
Processor core	2
Processor family	Celeron®
Processor frequency UOM	GHz
Processor maximum frequency	2.6
Processor maximum frequency uom	GHz
Processor model	N4000
Processor threads	2
Product brand name	HP

Standard memory note	Transfer rates up to 2400 MT/s.
Storage capacity	16
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC
Touchscreen	No
UNSPSC code	43211503
Wireless Model	Wireless-AC 9560
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Intel®

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[8] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[9] Google Drive offer is tied to this device and is non-transferable. Not available with Chrome Enterprise Upgrade enrollment. If this device is returned, the extra storage will be revoked. In order to redeem this offer, you will need to be on Chrome OS™ 23 or later. Internet access is required and not included. Additional information about storage plan refunds, renewals, cancellations and expiration is available at the Google website: <https://support.google.com/chromebook/answer/2703646?hl=en>

[10] HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.

[11] Lock must be purchased separately.

[14] Availability may vary by country.

[15] HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Services

HP Care Pack Services

★ : Recommended

Personal Systems Commercial Care Pack Services

HP 3 year Pickup and Return Notebook Hardware Support	UQ990E ★
HP 3 year Pickup and Return w/Accidental Damage Protection Notebook Hardware Support	UQ996E ★
HP 4 year Pickup and Return w/Accidental Damage Protection Notebook Hardware Support	U9DQ5E ★
HP 1 Year SmartFriend Pro Stand Alone Software Support	U35R1E
HP 1 year Pickup and Return w/Accidental Damage Protection Notebook Hardware Support	U1PU2E
HP 1 year Post Warranty Pickup and Return Notebook Hardware Support	U1PU9PE
HP 2 year Pickup and Return Notebook Hardware Support	UQ991E
HP 2 year Pickup and Return w/Accidental Damage Protection Notebook Hardware Support	U1PU3E
HP 2y Pickup and Return w/Accidental Damage Protection (1 Claim) Notebook HW Supp	U8LL7E
HP 3 Year SmartFriend Pro Stand Alone Software Support	U35R2E
HP 3 year Next Business Day Response Onsite w/Travel Coverage Notebook HW Supp	UL653E
HP 3 year Pickup and Return w/Accidental Damage Protection (12 pct Rollover) HW Supp	U36KBE
HP 3 year Pickup and Return w/Accidental Damage Protection (8 pct Rollover) HW Supp	U36K8E
HP 3 year Pickup and Return w/Accidental Damage Protection (UnlimitedClaims) NB HW Supp	U06SDE
HP 3 year Pickup and Return w/SmartFriend Pro Notebook Hardware Support	U31X4E
HP 3y Next Bus Day Resp Onsite w/Travel Coverage/Accidental Damage Protection NB HW Supp	UQ825E
HP 3y Pickup and Return w/Accidental Damage Protection (1 Claim) Notebook HW Supp	U8LL8E
HP 4 year Onsite Battery Replacement (No CSR replace 1x L) N HW Supp	U9UX1E
HP 4 year Pickup and Return Battery Replacement (No CSR replace 1x L) N HW Supp	U9UX0E
HP 4 year Pickup and Return Notebook Hardware Support	U9DQ4E
HP 4 year Pickup and Return w/Accidental Damage Protection (12 pct Rollover) HW Supp	U36KCE
HP 4 year Pickup and Return w/Accidental Damage Protection (8 pct Rollover) HW Supp	U36K9E

HP 4 year Pickup and Return w/Accidental Damage Protection (UnlimitedClaims) NB HW Supp	U06SFE
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HP 5 year Pickup and Return Notebook Hardware Support	U9DQ9E
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HP 5 year Pickup and Return w/Accidental Damage Protection Notebook Hardware Support	U9DR0E
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Personal Systems Hardware Support Onsite Service

HP 1 year Next Business Day Response Onsite Notebook Hardware Support	UQ993E
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HP 1 year Next Business Day Response Onsite w/Accidental Damage Protection NB HW Supp	U1PU4E
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HP 1 year Next Business Day Response Onsite w/Defective Media Retention NB HW Supp	U1PU6E
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HP 1 year Post Warranty Next Business Day Response Onsite Notebook Hardware Support	U1PV0PE
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HP 1y PW Next Business Day Response Onsite w/Defective Media Retention NB HW Supp	HP713PE
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HP 2 year Next Business Day Response Onsite Notebook Hardware Support	U1PU1E
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HP 2 year Next Business Day Response Onsite w/Accidental Damage Protection NB HW Supp	U1PU5E
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HP 2 year Next Business Day Response Onsite w/Defective Media Retention NB HW Supp	U1PU7E
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HP 3 year Next Business Day Response Onsite Notebook Hardware Support	UQ992E
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HP 3 year Next Business Day Response Onsite w/Accidental Damage Protection NB HW Supp	UQ994E
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HP 3 year Next Business Day Response Onsite w/Defective Media Retention NB HW Supp	U1PU8E
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HP 4 year Next Business Day Response Onsite Notebook Hardware Support	U9DQ6E
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HP 4 year Next Business Day Response Onsite w/Accidental Damage Protection NB HW Supp	U9DQ8E
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HP 4 year Next Business Day Response Onsite w/Defective Media Retention NB HW Supp	U9DQ7E
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HP 5 year Next Business Day Response Onsite Notebook Hardware Support	U9DR1E
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HP 5 year Next Business Day Response Onsite w/Accidental Damage Protection NB HW Supp	U9DR3E
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HP 5 year Next Business Day Response Onsite w/Defective Media Retention NB HW Supp	U9DR2E
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Accessories

Batteries/Chargers/Adapters

★ : Recommended

Power Adapters

HP 45W USB-C LC Power Adapter

1MZ01AA ★

AC Adapters

HP 7.4 mm to 4.5 DC Dongle

K0Q39AA

Cases and Covers

Backpacks

HP Prelude Pro 15.6-inch Recycled Backpack

1X644AA ★

HP Executive 15.6 Backpack

6KD07AA

HP Prelude Backpack 15.6

1E7D6AA

HP Prelude Pro 15.6-inch Recycled Backpack

1X644UT

HP Renew Business 17.3-inch Laptop Backpack

3E2U5A6

HP Renew Business 17.3-inch Laptop Backpack

3E2U5AA

HP Renew Business 17.3-inch Laptop Backpack

3E2U5UT

HP Renew Executive 16-inch Laptop Backpack

6B8Y1AA

Cases

HP Mobility 11.6-inch Laptop Case

4U9G8AA

HP Prelude Pro 15.6-inch Recycled Top Load

1X645AA

HP Prelude Pro 15.6-inch Recycled Top Load

1X645UT

HP Prelude Pro Rec 15.6 TL (Bulk 12)

1X645A6

HP Renew Business 14.1-inch Laptop Bag

3E5F9A6

HP Renew Business 14.1-inch Laptop Bag

3E5F9AA

HP Renew Business 14.1-inch Laptop Bag

3E5F9UT

HP Renew Business 15.6-inch Laptop Bag

3E5F8A6

HP Renew Business 15.6-inch Laptop Bag

3E5F8AA

HP Renew Business 15.6-inch Laptop Bag

3E5F8UT

HP Renew Business 17.3-inch Laptop Bag

3E2U6AA

HP Renew Business 17.3-inch Laptop Bag

3E2U6UT

HP Renew Executive 16-inch Laptop Bag

6B8Y2AA

Covers

HP Renew 14 Laptop Sleeve	2E6U9AA	obsolete
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7A6	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7AA	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7UT	
HP Renew Executive 14-inch Laptop Sleeve	6B8Y3AA	

Security and Protection

PC Locks

HP Sure Key Cable Lock	6UW42AA ★
HP Nano Keyed Cable Lock	1AJ39AA ★
HP Nano Keyed Cable Lock	1AJ39UT
HP Nano Master Keyed Cable Lock	1AJ40AA
HP Sure Key Cable Lock	6UW42UT

Docking and Port Replicators

Docking Stations

HP USB-C/A Universal Dock G2	5TW13AA ★
HP USB-C Travel Hub G2	7PJ38AA
HP USB-C Travel Hub G2	7PJ38UT

Keyboards/Mice and Input Devices

Mice

HP Comfort Grip Wireless Mouse	H2L63AA ★	obsolete
HP 3-button USB Laser Mouse	H4B81AA	
HP Bluetooth Travel Mouse	6SP30AA	
HP Bluetooth Travel Mouse	6SP30UT	
HP Wired Desktop 320M Mouse	9VA80AA	
HP Wired Desktop 320M Mouse	9VA80UT	
HP Wireless Premium Mouse	1JR31AA	
HP Wireless Premium Mouse	1JR31UT	
USB Travel Mouse	G1K28AA	

Keyboards

HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37UT

Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165UT

Point of Sales System Options

POS Display Accessories

HP Engage One 10.1-inch Display	1XD80AA
HP Engage One 10.1-inch Touch Display	1XD81AA
HP Engage One W 10.1-inch Display	3FH66A8
HP Engage One W 10.1-inch Display	3FH66AA
HP Engage One W 10.1-inch Touch Display	3FH67A8
HP Engage One W 10.1-inch Touch Display	3FH67AA

PC Drives and Storage

PC DVD Drives

HP External USB DVDRW Drive	F2B56AA
HP External USB DVDRW Drive	F2B56UT
HP USB External DVD-RW Writer	Y3T76AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA
HP HDMI to VGA Adapter	H4F02UT

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to USB-A Hub	Z6A00UT
HP USB-C to VGA Adapter	N9K76AA

HP USB-C to VGA Adapter

N9K76UT

HP USB-C to VGA Display Adapter

P7Z54AA

Education

★ : Recommended

Education

Education K-12	HPEDUSOVERVIEW
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Monitors

Business Monitors

★ : Recommended

E-Series

HP E14 G4 Portable Monitor	1B065AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27u G4 QHD USB-C Monitor	189T3AA

Z Displays

HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27u G3 QHD Display	1B9X2AA
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP Z38c 37.5-inch Curved Display	Z4W65A8
HP Z43 42.5-inch 4K UHD Display	1AA85A4
HP Z43 42.5-inch 4K UHD Display	1AA85A8

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