Overview

HP Elite Slice G2 with Intel Unite

<u>Side Ports/Collaboration buttons</u>

1. USB Type-C™ 3.1 Gen 1 USB port
2. Audio-out (headphone)/audio-in (microphone)
3. Call
4. Mute

5. Volume down
6. Volume up
7. Hang up

Not all configuration components are available in all regions/countries.
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Overview

HP Elite Slice G2 with Intel Unite

Back Connectors

1. Power button
2. Power connector
3. RJ-45 (network) jack
4. USB Type-C™ 3.1 Gen 1 USB port (60 W input, DisplayPort™ Alternate Mode)

5. 2 USB Type A 3.1 Gen 1 ports
6. Dual-Mode DisplayPort™ (DP++)
7. HDMI port
8. UltraSlim cable lock slot

Not all configuration components are available in all regions/countries.
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Features

At A Glance

- Intel Unite Solution conferencing solution build on Windows 10 IoT 64 Enterprise
- New HP Audio Module with capacitive touch Skype for Business keys (comes with HP Elite Slice G2 with Intel Unite) for Call or Answer/ Mute/Volume Up/ Volume Down/ Hang up/End or Reject support
- The HP Audio Module speaker with 4 side firing speakers and 4 up-facing mics
- Optional Wireless Display Module (with dongle) for wireless HDMI connection from the Slice to an HDMI Display. It must be bought at time of system purchase
- Optional Cable-less Expansion Accessories (sold separately)
  - HP ODD Module
  - VESA Plate
- HP Sure Start with Dynamic Protection
- New HP Cable and Port Cover adapter secures the ports, prevents tampering, and provides cable management
- USB Type-C™ 3.1 with 60W power input
  - Can be powered by a Display* and pass through DP with one cable
- Windows 10 IOT to have a dedicated OS to run the conferencing software
- UFEI BIOS developed and engineered by HP
- Intel® Q170 chipset supporting Intel® Peripheral Control Hub for 7th Gen Core™ Processors, featuring integrated Intel HD Graphics and Intel® vPro™ Technology
- Intel® HD Graphics 630
- Intel® Ethernet Connection I219LM GbE LOM integrated network connection (recommended)
- Supports Intel® AC Wireless with vPro™ Technology
- Dual-independent monitor support via HDMI and digital DisplayPort™ video interfaces
  - Dual HDMI ports supported with the HP DisplayPort to HDMI True 4K Adapter
- DDR4-2400 (up to 32GB) Synchronous Dynamic Random-Access Memory (SDRAM)
- Multi-independent monitor support via HDMI and digital DisplayPort™ video interfaces
- Conexant CX7501 audio codec
- High efficiency energy saving power supply
- ENERGY STAR certified. EPEAT® 2019 Silver registered where applicable. EPEAT® registration varies by country. See http://www.epeat.net for registration status by country.[1]
- Optimized for Intel Unite with Skype for Business plugin
- Configurations with Intel® Unite
- Low halogen
- Protected by HP Services, including limited warranties up to 3-3-3 (terms and conditions vary by country; certain restrictions and exclusions apply); Care Packs available with up to 5 years Next Business Day Onsite Hardware Support
- Lengthy purchase lifecycles and image stability

1. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

NOTE: See important legal disclosures for all listed specs in their respective features sections.

Not all configuration components are available in all regions/countries.

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Features

OPERATING SYSTEMS

Preinstalled

Windows 10 IoT 64 Enterprise CBB[1]

1. Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com

PROCESSOR

7th Generation Intel® Core™ processors[2,3]

Intel® Core™ i7-7700T with Intel® HD Graphics 630 Up to 3.8 GHz Max. Turbo Frequency
(2.9 GHz base frequency) 8 MB cache, 4 cores, 8 threads[3,4] supports Intel® vPro™ Technology

Intel® Core™ i5-7500T with Intel® HD Graphics 630, Up to 3.3 GHz Max. Turbo Frequency
(2.7 GHz base frequency) 6 MB cache, 4 cores, 4 threads[3,4] supports Intel® vPro™ Technology

2. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com.
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. I5 CPU recommended for Single Display Conference Room, i7 CPU recommended for Dual Display Conference Room.
3. Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
4. Some functionality of this technology, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility of this generation of Intel vPro technology-based hardware with future "virtual appliances" is yet to be determined.
NOTE: In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com

GRAPHICS

Integrated

Intel® HD Graphics 630 with GT2 support*

*NOTE: HD content required to view HD images.

MEMORY

Both slots are customer accessible / upgradeable, Supports Dual Channel Memory

Type	Maximum	# of Slots
DDR4-2400 (Transfer rates up to 2400 MT/s)	32 GB capacity	2 DIMM

Configurations

8GB DDR4-2400 SODIMM (2x4GB) (Dual Channel)

Not all configuration components are available in all regions/countries.
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Features

STORAGE[5]

Solid State Drives M.2 NVMe
256 GB PCIe NVMe M.2 Solid State Drive
128 GB PCIe NVMe M.2 Solid State Drive

SATA Solid State Drives 2.5"
256GB SSD TLC Drive
128GB SSD TLC Drive

5. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.

NETWORKING

Ethernet (RJ-45)
Wired Intel® i219LM GbE LOM

Wireless (optional and must be configured at purchase)[6]
Intel® 8260 ac 2x2 +Bluetooth vPro ™

6. Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. 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.

AUDIO/MULTIMEDIA

Conexant CX7501 codec
1x Universal audio jack (w/ re-tasking)
4 x 2W internal speaker
HP Audio Module 2.0 integrated
Four Digital Microphones

Not all configuration components are available in all regions/countries.
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Features

KEYBOARDS AND POINTING DEVICES

Keyboards[7]
HP Business Slim USB Keyboard (China Only)
HP Business Slim USB Keyboard

Mice[7]
HP USB Optical Mouse
HP 1000DPI Laser Mouse
HP Mouse Pad
HP USB Mouse (China only)

7. Keyboards and mice are optional or add-on features.

PORTS

External I/O Ports
1 Universal audio jack (with re-tasking) connector
1 USB Type-C™ (USB 3.1 Gen 1, 15W output) connector
1 USB Type-A (USB 3.1, charging) connector
1 USB Type-A (USB 3.1, S4/S5 wake) connector
1 USB Type-C™ (Alternate Mode DP, USB 3.1 Gen 1, 15W output, 60W input) connector
1 DisplayPort™ connector
1 HDMI connector (optional HP DisplayPort)
1 RJ-45 connector
1 DC-in 7.4mm barrel

Internal I/O Ports
1. M.2 nVME
1 SATA

SLOTS

1 M.2 2230 PCIe for WLAN
1 M.2 2280 PCIe for NVMe SSD

ADDITIONAL MODULES
HP Cable and Port cover
HP Wireless Display Module[8]
VESA Mount[9]

8. Purchased as an optional feature
9. Sold separately or purchased as an optional feature.

Not all configuration components are available in all regions/countries.
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Features

SOFTWARE COMPONENTS AND APPLICATIONS WITH WINDOWS

BIOS

Absolute Persistence Module[10]

Software

HP Connection Optimizer

Intel Unite Plus Lync Plug-in

HP Notifications

10. Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

11. HP Support Assistant requires Windows and Internet access.

SECURITY MANAGEMENT

HP Sure Start 3.0*

*NOTE: Available on HP Elite products equipped with Intel® 7th generation processors

Not all configuration components are available in all regions/countries.   Page 7

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Features

BIOS

BIOS: HP Full-featured UEFI, Common core

POWER SUPPLY[12]

65W AC adapter
Up to 85% efficient
90W AC adapter
Up to 85% efficient

12. All power supplies are not available in every region.

DIMENSIONS AND WEIGHT (configured with 1 HDD)

Chassis (H x W x D)	6.5 x 6.5 x 4.4 in 165 x 165 x 112 mm
System Weight	3.36 lb / 1.52 kg

PACKAGING DIMENSIONS AND WEIGHT

Dimensions	23.5 x 10.75 x 8 in 596.9 x 273.05 x 203.2 mm
Weight	14.71 lb / 6.67 kg

COLOR

Sparkle black color

Not all configuration components are available in all regions/countries.
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Features

HP WIRELESS DISPLAY MODULE[13]

Functionality

- 1080p HD Resolution
- Only supported with HDMI connector
- Transmitter and Receiver paired at the factory
- Pair button included in case needed later
- Light status included to show paired devices
- 60 GHz band is used – signal is blocked by walls and confined to conference room

13. Optional feature, available in certain countries

PORT COVER

Functionality

- Tamper-proofing of cables from the back of Slice
- Extends Power, 2 USB Type-A, RJ45, DisplayPort, and HDMI cables for connections under the table
- Clean single condensed cable for single group of cables extended from Slice
- Cover to hide back connections to Slice

Not all configuration components are available in all regions/countries.
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Features

SERVICE AND SUPPORT

On-site Warranty: Protected by an HP standard three-year (3-3-3) or one-year (1-1-1) limited warranty (varies by region). Certain restrictions and exclusions apply. Limited warranty delivers next business day service for parts and labor and includes Complimentary Limited Technical Support. One-year onsite and labor are not available in all countries. Service offers terms up to 5 years by choosing an optional HP Care Pack. To choose the right level of service for your HP product, visit HP Care Pack Central: http://www.hp.com/go/cpc

NOTE 1: Terms and conditions may vary by country. Certain restrictions and exclusions apply. Other warranty variations may be offered in your region.

NOTE 2: On-site service may be provided pursuant to a service contract between HP and an authorized HP third-party provider, and is not available in certain countries. Global service response times are based on commercially reasonable best effort and may vary by country.

NOTE 3: Technical support applies only to HP-configured and third-party HP qualified hardware and software.

COUNTRY OF ORIGIN

China

Not all configuration components are available in all regions/countries.

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Technical Specifications - Audio

HIGH DEFINITION AUDIO

Audio by Bang & Olufsen	
Type	Four speakers with dual passive radiator stereo sound system
HD Stereo Codec	1x Universal audio jack (w/ re-tasking)
Audio I/O Ports	High Definition Audio
Internal Speaker Amplifier	TI TAS5754M
Sampling	Conexant CX7501
Analog Audio	1x Universal audio jack (w/ re-tasking)
# of Channels	Yes – Uses OS soft wavetable
Internal Speaker	Yes – four speakers
DAC Sampling Rates	44.1 kHz/48 kHz/96 kHz
ADC Sampling Rates	44.1 kHz/48 kHz/96 kHz

QuickSpecs

Technical Specifications - Graphics

GRAPHICS

Intel® HD Graphics 630 (integrated)	
DisplayPort™ 1.2	Multimode capable; supports HDCP, DisplayPort™Audio (2 streams), HBR2 link rates and Multi-Stream Technology for a maximum of 3 displays (including the integrated panel)
Memory	The BIOS has options for selecting the dedicated memory size of 128MB, 256MB or 512MB Additional memory is allocated for graphics as needed using Intel's Dynamic Video Memory Technology (DVMT), to provide an optimal balance between graphics and system memory use.

Maximum Graphics Memory	Microsoft Windows 7	Windows 8.1	Windows 10
	Up to 1.7GB	Up to 1.8GB	>4 GB
	Note: the actual amount of maximum graphics memory can be less than the amounts listed above depending upon your computer's configuration.		

Maximum Color Depth	32 bits/pixel

Graphics/Video API Support	6th Generation Core™ processors:
	• Next Generation Intel® Clear Video Technology HD Support is a collection of video playback and enhancement features that improve the end user's viewing experience
	    ○ Encode/transcode HD content
	    ○ Playback of high definition content including Blu-ray Disc
	    ○ Superior image quality with sharper, more colorful images
	• DirectX Video Acceleration (DXVA) support for accelerating video processing
	    ○ Full AVC/VC1/MPEG2/HEVC HW Decode
	• Advanced Scheduler 2.0, 1.0
	• Windows 7, Windows 8.1, Windows 10, Linux OS Support
	• DirectX 12.1
	• OpenGL 4.4
	• Open CL 1.2 (Intel® HD Graphics 510)
	• Open CL 1.2/2.0 (Intel® HD Graphics 530)

QuickSpecs

Technical Specifications - Graphics

Supported Display Resolutions and Refresh Rates

Note: other resolutions may be available but are not recommended as they may not have been tested and qualified by HP. For All in One platforms, resolutions higher than the integrated panel resolution are not supported on the integrated panel.

Resolution	Refresh Rate	VGA	DisplayPort™ 1.2	HDMI	Standard
640 x 480	60, 75, 85	X	X	X	VESA DMT, CVT 0.31M3
720 x 400	70	X	X	X	IBM VGA
800 x 600	60, 75, 85	X	X	X	VESA DMT, CVT0.48M3
1024 x 768	60, 75, 85	X	X	X	VESA DMT, CVT 0.79M3
1152 x 864	60, 75, 85	X	X	X	VESA DMT, CVT 0.83MA
1280 x 720	60, 75, 85	X	X	X	VESA DMT, CVT 0.92M9, CEA-770.3
1280 x 768	60, 60RB, 75, 85	X	X	X	VESA DMT, CVT 0.98M9/0.98M9-R
1280 x 800	60, 75, 85	X	X	X	VESA DMT
1280 x 960	60, 75, 85	X	X	X	VESA DMT
1280 x 1024	60, 75, 85	X	X	X	VESA DMT, CVT 1.31M4
1366 x 768	60, 60RB	X	X	X	VESA DMT
1440 x 900	60, 60RB	X	X	X	VESA DMT
1600 x 900	60, 60RB, 75, 85	X	X	X	VESA DMT
1680 x 1050	60, 60RB, 75	X	X	X	VESA DMT, CVT 1.76MA/1.76MA-R
1920 x 1080	60	X	X	X	VESA DMT, CVT 2.07M9, SMPTE 274M
1920 x 1200	60, 60RB, 75, 85	X*	X	X	DMT, CVT 2.30MA/2.30MA-R
1600 x 1200	60, 75, 85	X*	X	X	VESA DMT, 1.92M3
1920 x 1440	60, 75, 85		X	X	VESA DMT, CVT 2.76M3
2048 x 1536	60,75		X	X	CVT 3.15M3
2560 x 1440	59.951		X	X	CVT 3.69M9-R
2560 x 1600	60, 60RB		X	X	VESA DMT, CVT 4.10MA/4.10MA-R
3440 x 1440	60		X	X	VESA DMT, CVT 0.31M3
3440 x 1440	75, 85		X		VESA DMT, CVT 0.31M3
3840 x 2160	24		X	X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M
3840 x 2160	25		X	X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M
3840 x 2160	30		X	X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M
3840 x 2160	50		X	X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M

Technical Specifications - Graphics

3840 x 2160	60		X	X	CVT-RBv1/v2 (8.29M9-R), SMPTE 274M
4096 x 2160	24		X	X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
4096 x 2160	25		X	X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
4096 x 2160	30		X	X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
4096 x 2160	50		X	X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
4096 x 2160	60		X	X	CVT-RBv1/v2 (8.85M-R), SMPTE 274M
1920 x 1080	60		X	X	VESA (SMPTE 274M)
1920 x 1080	50		X	X	SMPTE 274M
1920 x 1080	30		X	X	SMPTE 274M
1920 x 1080	24		X	X	SMPTE 274M
1280 x 720	60		X	X	VESA (CEA-770.3)
1280 x 720	50		X	X	SMPTE 296M
720 x 480	60		X	X	MHL (CEA-770.2)
720 x 576	50		X	X	ITU-R BT.1358
640 x 480	60		X	X	CEA (VESA DMT)
* 60Hz refresh rate only on VGA					

Not all configuration components are available in all regions/countries.

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QuickSpecs

Technical Specifications - Storage

STORAGE

128GB SATA 2.5" (Non-SED) Solid State Drive		
Unformatted Capacity	128 GB	
Architecture	TLC NAND Flash	
Interface	SATA 3.2 (6.0 Gb/s)	
Form Factor	2.5 inch	
Dimensions (W x D x H)	6.98 x 10.05 x 0.7 cm	
Weight	31g	
Bandwidth Performance	Sustained Sequential Read:	Up to 510 MB/s
	Sustained Sequential Write:	Up to 330 MB/s
	Random Read:	Up to 38K IOPs
	Random Write:	Up to 70K IOPs
Power	DC power requirement:	5 VDC 5%-100 mV ripple p-p
	Total power consumption:	50mW (active); 20mW (idle)
Useful Drive Life	72TB written, up to 40GB/day for 5 years	
Environmental (all conditions, non-condensing)	Operating Temperature:	32° to 158° F (0° to 70° C)
	Relative Humidity:	5% to 95%
	Shock:	1,500 G/0.5 ms

NOTE: For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.

QuickSpecs

Technical Specifications - Storage

256GB SATA 2.5" (Non-SED) Solid State Drive		
Unformatted Capacity	256 GB	
Architecture	TLC NAND Flash	
Interface	SATA 3.2 (6.0 Gb/s)	
Form Factor	2.5 inch	
Dimensions (W x D x H)	6.98 x 10.05 x 0.7 cm	
Weight	31g	
Bandwidth Performance	Sustained Sequential Read:	Up to 510 MB/s
	Sustained Sequential Write:	Up to 330 MB/s
	Random Read:	Up to 38K IOPs
	Random Write:	Up to 70K IOPs
Power	DC power requirement:	5 VDC 5%-100 mV ripple p-p
	Total power consumption:	50mW (active); 20mW (idle)
Useful Drive Life	72TB written, up to 40GB/day for 5 years	
Environmental (all conditions, non-condensing)	Operating Temperature:	32° to 158° F (0° to 70° C)
	Relative Humidity:	5% to 95%
	Shock:	1,500 G/0.5 ms
NOTE: For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.		

Not all configuration components are available in all regions/countries.
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Technical Specifications - Storage

128 GB M.2 2280 PCIe NVMe SSD

Drive Weight	< 10g
Capacity	128GB
Height	2.38mm
Length	80mm
Width	22mm
Interface	PCIE Gen3
Performance	Up to Random Read/Write = 60K/50K IOPS
Maximum Sequential Read	Up to 1400MB/s
Maximum Sequential Write	Up to 395MB/s
Logical Blocks	250,069,680
Operating Temperature	0° to 70°C (32° to 158°F) [ambient temp]
Features	APST; ASPM L1.2; NVME spec 1.2

NOTE: For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.

256 GB M.2 2280 PCIe NVMe SSD

Drive Weight	< 10g
Capacity	256GB
Height	2.38mm
Length	80mm
Width	22mm
Interface	PCIE Gen3
Performance	Up to Random Read/Write = 120K/170K IOPS
Maximum Sequential Read	Up to 1600MB/s
Maximum Sequential Write	Up to 780MB/s
Logical Blocks	500,118,192
Operating Temperature	0° to 70°C (32° to 158°F) [ambient temp]
Features	APST; ASPM L1.2; NVME spec 1.2

NOTE: For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.

Not all configuration components are available in all regions/countries.

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Technical Specifications - Networking

NETWORKING

Intel 8260 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo vPro ™		
	Wireless LAN Standards	IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n IEEE 802.11ac
	Interoperability	Wi-Fi certified
	Frequency Band	802.11b/g/n • 2.402 – 2.482 GHz 802.11a/n • 4.9 – 4.95 GHz (Japan) • 5.15 – 5.25 GHz • 5.25 – 5.35 GHz • 5.47 – 5.725 GHz • 5.825 – 5.850 GHz
	Data Rates	• 802.11b: 1, 2, 5.5, 11 Mbps • 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps • 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps • 802.11n: MCS 0 ~ MCS 15, (20MHz, and 40MHz) • 802.11ac : MCS0 ~ MCS9, (1SS, and 2SS) (20MHz, 40MHz, and 80MHz)
	Modulation	Direct Sequence Spread Spectrum BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM
	Security[1]	• IEEE and WiFi compliant 64 / 128 bit WEP encryption for a/b/g mode only • AES-CCMP: 128 bit in hardware • 802.1x authentication • WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES. • WPA2 certification • IEEE 802.11i • Cisco Certified Extensions, all versions through CCX4 and CCX Lite • WAPI
	Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Point Required)
	Roaming	IEEE 802.11 compliant roaming between access points
	Output Power[2]	• 802.11b : +16dBm minimum • 802.11g : +14dBm minimum • 802.11a : +14dBm minimum • 802.11n HT20(2.4GHz) : +13dBm minimum • 802.11n HT40(2.4GHz) : +13dBm minimum • 802.11n HT20(5GHz) : +12dBm minimum • 802.11n HT40(5GHz) : +12dBm minimum • 802.11ac 80MHz(5GHz) : +11dBm minimum
	Power Consumption	• Transmit mode2.0 W • Receive mode1.6 W • Idle mode (PSP)180 mW (WLAN Associated) • Idle mode50 mW (WLAN unassociated) • Connected Standby 10mW

Not all configuration components are available in all regions/countries.
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Technical Specifications - Networking

		• Radio disabled8 mW
	Power Management	ACPI and PCI Express compliant power management 802.11 compliant power saving mode
	Receiver Sensitivity[3]	802.11b, 1Mbps : -93.5dBm maximum 802.11b, 11Mbps : -84dBm maximum 802.11a/g, 6Mbps : -86dBm maximum 802.11a/g, 54Mbps : -72dBm maximum 802.11n, MCS07 : -67dBm maximum 802.11n, MCS15 : -64dBm maximum 802.11ac, MCS0 : -84dBm maximum 802.11ac, MCS9 : -59dBm maximum
	Antenna type	High efficiency antenna with spatial diversity, mounted in the display enclosure Two embedded dual band 2.4/5 GHz antennas are provided to the card to support WLAN MIMO communications and Bluetooth® communications
	Form Factor	PCI-Express M.2 MiniCard
	Dimensions	Type 2230 : 2.3 x 22.0 x 30.0 mm
	Weight	Type 2230 : 2.8g
	Operating Voltage	3.3v +/- 9%
	Temperature	Operating: 14° to 158° F (−10° to 70° C) / Non-operating: −40° to 176° F (−40° to 80° C)
	Humidity	Operating: 10% to 90% (non-condensing) / Non-operating: 5% to 95% (non-condensing)
	Altitude	Operating: 0 to 10,000 ft (3,048 m) / Non-operating: 0 to 50,000 ft (15,240 m)
	LED Activity	LED Amber – Radio OFF; LED White – Radio ON

HP Integrated Module with Bluetooth 4.0/4.1/4.2 Wireless Technology

	Bluetooth® Specification	4.0/4.1/4.2 Compliant
	Frequency Band	2402 to 2480 MHz
	Number of Available Channels	Legacy : 0~79 (1 MHz/CH) BLE : 0~39 (2 MHz/CH)
	Data Rates and Throughput	Legacy : 3 Mbps data rate; throughput up to 2.17 Mbps BLE : 1 Mbps data rate; throughput up to 0.2 Mbps Legacy : Synchronous Connection Oriented links up to 3, 64 kbps, voice channels Legacy : Asynchronous Connection Less links 2178.1 kbps/177.1 kbps asymmetric (3-DH5) or 864 kbps symmetric (3-EV5)
	Transmit Power	The Bluetooth component shall operate as a Class II Bluetooth device with a maximum transmit power of + 4 dBm for BR and EDR.
	Power Consumption	Peak (Tx) 330 mW Peak (Rx) 230 mW Selective Suspend 17 mW
	Electrical Interface	USB 2.0 compliant
	Bluetooth® Software Supported Link Topology	Microsoft Windows Bluetooth® Software
	Power Management	Microsoft Windows ACPI, and USB Bus Support
	Certifications	FCC (47 CFR) Part 15C, Section 15.247 & 15.249
	Power Management Certifications	ETS 300 328, ETS 300 826 Low Voltage Directive IEC950 UL, CSA, and CE Mark

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Technical Specifications - Networking

	Bluetooth® Profiles Supported	BT4.1-ESR 5/6/7 Compliance LE Link Layer Ping LE Dual Mode LE Link Layer LE Low Duty Cycle Directed Advertising LE L2CAP Connection Oriented Channels Train Nudging & Interlaced Scan BT4.2 ESR08 Compliance LE Secure Connection- Basic/Full LE Privacy 1.2 –Link Layer Privacy LE Privacy 1.2 –Extended Scanner Filter Policies LE Data Packet Length Extension FAX Profile (FAX) Basic Imaging Profile (BIP)2 Headset Profile (HSP) Hands Free Profile (HFP) Advanced Audio Distribution Profile (A2DP)

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Technical Specifications – Input/Output Devices

INPUT / OUTPUT DEVICES

HP USB Business Slim USB Keyboard		
Physical characteristics	Keys	104, 105, 106, 107, 109 layout (depending upon country)
	Dimensions (L x W x H)	171.97 x 68.35 x 8.27 in (436.8± 1.5 x 137.6± 1.0 x 21.0± 1.0 cm)
	Weight	1.32 lb (0.6± 0.08 kg)
Electrical	Operating voltage	+ 4.4 – 5.25VDC
	Power consumption	50-mA maximum (with 5 VDC power supplied and three LEDs ON)
	System interface	USB Type A plug connector
	ESD	Contact Discharge: 2, 4,6,8KV Air Discharge: 2, 4, 8,10,12.5KV
	EMI - RFI	Conforms to FCC rules for a Class B computing device
	Microsoft® PC 99 - 2001	Functionally compliant
Mechanical	Keycaps	Low-profile design
	Switch actuation	60±12.5g nominal peak force with tactile feedback
	Switch life	10 million keystrokes (Life tester)
	Switch type	Contamination-resistant switch membrane
	Key-leveling mechanisms	For all double-wide and greater-length keys
	Cable length	6 ft (1.8 m)
	Microsoft PC 99 - 2001	Mechanically compliant
Environmental	Acoustics	43-dBA maximum sound pressure level
	Operating temperature	50° to 122° F (10° to 50° C)
	Non-operating temperature	-22° to 140° F (-30° to 60° C)
	Operating humidity	10% to 90% (non-condensing at ambient)

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QuickSpecs

Technical Specifications – Input/Output Devices

	Non-operating humidity	20% to 80% (non-condensing at ambient)
	Operating shock	40 g, six surfaces
	Non-operating shock	80 g, six surfaces
	Operating vibration	2-g peak acceleration
	Non-operating vibration	4-g peak acceleration
	Drop (out of box)	26 in (66 cm) on carpet, six-drop sequence
	Drop (in box)	30 in (76.2 cm) on concrete, 16-drop sequence
Approvals	UL, FCC, CE Mark, TUV, TUV GS, VCCI, BSMI, C-Tick, KC	
Ergonomic compliance	ANSI HFS 100, ISO 9241-4, and TUVGS	
Kit contents	Keyboard	Installation Guide
	Warranty Card	Safety and Comfort Guide

HP USB Mouse		
Dimensions (H x L x W)	2.5 x 4.5 x 1.5 in (63.5 x 114.3 x 38.1 mm)	
Weight	0.22 lb (99.79 g)	
Color	Black	
Connector	USB	
Mechanical	Resolution	800 DPI sensitivity
	Buttons	Two primary buttons and clickable scroll wheel

After Market Options

AFTER MARKET OPTIONS

Memory	Part Number
HP 4GB DDR4-2400 SODIMM	Z9H55AA
HP 8GB DDR4-2400 SODIMM	Z9H56AA
HP 16GB DDR4-2400 SODIMM	Z9H53AA
HP 16GB DDR4-2666 SODIMM	3TK84AA
HP 4GB DDR4-2666 SODIMM	3TK86AA
HP 8GB DDR4-2666 SODIMM	3TK88AA
Storage	
HP 256GB SATA TLC Non-SED Solid State Drive	P1N68AA
HP PCIe NVME TLC 256GB SSD M.2 Drive	1CA51AA
Other	
HP ODD Module	X8U73AA
HP VESA Plate	X8U74AA
HP (Bulk) Elite Slice Sata Storage Drive Screws Kit	Z5U26AA
HP DisplayPort Cable Kit	VN567AA
HP DisplayPort To HDMI True 4k Adapter	2JA63AA
Pointing Devices	
HP USB Mouse	QY777AA
HP 1000dpi Laser Mouse	QY778AT
Keyboards	
HP USB Business Slim Keyboard	N3R87AA
HP Wireless Business Slim Keyboard and Mouse	N3R88AA

Summary of Changes

Date of change:	Version History:		Description of change:
January	V1 to V2	Update	Conexant audio code corrected
May 15, 2019	V2 to V3	Update	Name changed to HP Elite Slice G2 with Intel Unite
August 23, 2019	V3 to V4	Update	EPEAT references and At a glance section updated
August 28, 2019	V4 to V5	Update	EPEAT reference corrected i7 CPU processor added to processors
September 24, 2019	V5 to V6	Update	"Separate Type-C cable for easy movement of Center Of Room Control display on the table" removed from port cover functionalities.

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