	PowerSpec B731 Desktop Computer	PowerSpec B744 Desktop Computer	Dell Precision 3630 MT Desktop Computer	Dell Precision 3431 SFF Desktop Computer
	SKU 055285	SKU 083493	SKU 062489	SKU 062463
	$699.99	**$849.99**	**$899.97**	**$799.97**

General Information

Subcategory	PC Desktops	PC Desktops	PC Desktops	PC Desktops
Color	Black	Black	Black	Black
Series	N/A	N/A	Precision	Precision
Lifestyle	Business Home & Student	Business Home & Student	Business	Business

Operating System

Operating System	Windows 10 Pro; Windows 10 Pro	Windows 10 Pro; Windows 10 Pro	Windows 10 Pro; Windows 10 Pro	Windows 10 Pro; Windows 10 Pro

Case & Motherboard

Motherboard	ASRock H310CM-HDV/M.2	ASUS Prime Z390-P	N/A	N/A
Computer Case	PowerSpec/Lian Li mATX 205	PowerSpec/Lian Li ATX 205	N/A	N/A
Case Orientation	Vertical	Vertical	Vertical	Vertical Horizontal
Motherboard Chipset	Intel H310	Intel Z390	N/A	N/A

Processor

CPU Summary	Intel Core i7 9700 (3.0GHz)	Intel Core i7 9700K (3.6GHz)	Intel Core i5 9600 (3.1GHz)	Intel Core i5 9600 (3.1GHz)
CPU Core	Eight-Core	Eight-Core	Six-Core	Six-Core
CPU Type	Core i7	Core i7	Core i5	Core i5
CPU Speed	9700 (3.0GHz)	9700K (3.6GHz)	9600 (3.1GHz)	9600 (3.1GHz)
Turbo Boost Speed	Up to 4.7GHz	Up to 4.9GHz	Up to 4.6GHz	Up to 4.6GHz
Smart Cache	12MB	12MB	9MB	9MB
CPU Brand	Intel	Intel	Intel	Intel
Front Side Bus	8 GT/s	8 GT/s	8 GT/s	8 GT/s
CPU Socket	FCLGA1151	FCLGA1151	FCLGA1151	FCLGA1151
CPUs Installed	1	1	1	1
CPUs Supported	1	1	1	1
CPU Main Features	Intel 64 Enhanced Intel Speedstep Technology Intel VT-x with Extended Page Tables (EPT) Intel Identity Protection Technology Intel Secure Key Intel TSX-NI Intel Stable Image Platform Program (SIPP) Intel Virtualization Technology Intel AES New Instructions Intel Memory Protection Extensions Intel Software Guard Extensions Intel Optane Memory Supported Intel Boot Guard Intel Turbo Boost Technology 2.0 Intel vPro Platform Eligibility Intel Execute Disable Bit Intel Idle States Intel Thermal Monitoring Technologies Intel OS Guard Intel Trusted Execution Technology	Intel 64 Enhanced Intel Speedstep Technology Intel VT-x with Extended Page Tables (EPT) Intel Identity Protection Technology Intel Secure Key Intel TSX-NI Intel Stable Image Platform Program (SIPP) Intel Virtualization Technology Intel AES New Instructions Intel Memory Protection Extensions Intel Software Guard Extensions Intel Optane Memory Supported Intel Boot Guard Intel Turbo Boost Technology 2.0 Intel vPro Platform Eligibility Intel Execute Disable Bit Intel Idle States Intel Thermal Monitoring Technologies Intel OS Guard Intel Trusted Execution Technology	Intel 64 Enhanced Intel Speedstep Technology Intel VT-x with Extended Page Tables (EPT) Intel Identity Protection Technology Intel Secure Key Intel TSX-NI Intel Stable Image Platform Program (SIPP) Intel Virtualization Technology Intel AES New Instructions Intel Memory Protection Extensions Intel Software Guard Extensions Intel Optane Memory Supported Intel Boot Guard Intel Turbo Boost Technology 2.0 Intel vPro Platform Eligibility Intel Execute Disable Bit Intel Idle States Intel Thermal Monitoring Technologies Intel OS Guard Intel Trusted Execution Technology	Intel 64 Enhanced Intel Speedstep Technology Intel VT-x with Extended Page Tables (EPT) Intel Identity Protection Technology Intel Secure Key Intel TSX-NI Intel Stable Image Platform Program (SIPP) Intel Virtualization Technology Intel AES New Instructions Intel Memory Protection Extensions Intel Software Guard Extensions Intel Optane Memory Supported Intel Boot Guard Intel Turbo Boost Technology 2.0 Intel vPro Platform Eligibility Intel Execute Disable Bit Intel Idle States Intel Thermal Monitoring Technologies Intel OS Guard Intel Trusted Execution Technology

Memory

Total Memory	16GB	16GB	8GB	8GB
Memory Speed	DDR4-2666	DDR4-3200	DDR4-2666	DDR4-2666
Memory Configuration	2 x 8GB	2 x 8GB	1 x 8GB	1 x 8GB
Memory Slots (Total)	2	4	4	4
Memory Slots (Available)	0	2	3	3
Form Factor	288-pin DIMM	288-pin DIMM	288-pin DIMM	288-pin DIMM
Maximum Memory Supported	32GB	128GB	128GB	64GB

Hard Drive

HD Interface	N/A	N/A	SATA 6Gb/s	SATA 6Gb/s
HD Capacity	N/A	N/A	1TB	1TB
HD RPM	N/A	N/A	7,200 RPM	7,200 RPM
HD Configuration	N/A	N/A	1 x 1TB	1 x 1TB

Solid State Drive

SSD Interface	PCIe NVMe M.2	N/A	N/A	N/A
SSD Capacity	500GB	1TB	N/A	N/A

Multimedia Drives

Optical Drives Included	N/A	N/A	1	1

Optical Drive Interface	N/A	N/A	SATA	SATA
Optical Drive	N/A	N/A	DVDRW	DVD-ROM
Video				
GPU Type	Intel UHD Graphics 630	Intel UHD Graphics 630	AMD Radeon Pro WX 3200	AMD Radeon Pro WX 2100
Video Memory	Shared	Shared	4GB	2GB
GPU Interface	Integrated	Integrated	N/A	N/A
Audio				
Audio System	Realtek ALC887	Realtek ALC1200	N/A	N/A
Audio Channels	4.0	7.1	N/A	N/A
Communications				
LAN	Gigabit LAN	Gigabit LAN	Gigabit LAN	Gigabit LAN
LAN Data Rate Speed	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps
WLAN Data Transfer Rate	N/A	up to 433Mbps	N/A	N/A
Bluetooth	Bluetooth 4.2	Bluetooth 5.0	N/A	N/A
Wireless Technology	802.11a 802.11b 802.11g WiFi 5 (802.11ac) WiFi 4 (802.11n)	WiFi 5 (802.11ac)	N/A	N/A
Back Panel Ports				
USB 2.0	4 x USB 2.0 (Type-A)	2 x USB 2.0 (Type-A)	2 x USB 2.0 (Type-A)	2 x USB 2.0 (Type-A)
USB 3.1	2 x USB 3.1 (Gen 1 Type-A)	4 x USB 3.1 (Gen 1 Type-A)	4 x USB 3.1 (Gen 1 Type-A)	4 x USB 3.1 (Gen 1 Type-A)
PS/2	1	2	2	2
Serial 9-pin	N/A	N/A	1	1
VGA 15-pin	1	N/A	N/A	N/A
DVI	1	N/A	N/A	N/A
HDMI	1	1	N/A	N/A
DisplayPort	N/A	N/A	2	2
LAN RJ-45	1	1	1	1
Audio	3	3	1	1
Expansion Bays				
External 5.25" Bays (Available)	N/A	N/A	N/A	0
External 5.25" Bays (Total)	N/A	N/A	N/A	1
Internal 3.5" Bays (Total)	1	2	3	1
Internal 3.5" Bays (Available)	1	2	N/A	N/A
Expansion Slots				
PCIe x16 Slots (Total)	1	2	1	1
PCIe x16 Slots (Available)	1	2	0	0
PCIe x4 Slots (Total)	N/A	N/A	2	1
PCIe x4 Slots (Available)	N/A	N/A	2	1
PCIe x1 Slots (Total)	2	3	N/A	N/A
PCIe x1 Slots (Available)	1	3	N/A	N/A
PCI Slots (Total)	N/A	N/A	1	N/A
PCI Slots (Available)	N/A	N/A	1	N/A
M.2	N/A	N/A	1 Slot, 1 Available	1 Slot, 1 Available
Keyboard				
Keyboard	Multimedia	Standard	Dell KB216 Wired Keyboard	Dell KB216 Wired Keyboard
Mouse				
Buttons	3	3	N/A	N/A
Mouse	Optical	Optical	Dell MS116 Wired Mouse	Dell MS116 Wired Mouse
Connection Type	USB	USB	N/A	N/A
Power Source	USB	USB	N/A	N/A
Power				
Power Range	115VAC; 60hz; 8A	N/A	N/A	N/A
Power Supply	400 Watt	600 Watt	300 Watt	200 Watt
Combined +12V Rating	360 Watts (30A)	552 Watts (46A)	N/A	N/A
Physical Specifications				
Depth	17.00 in. (431.80 mm)	17.00 in. (431.80 mm)	13.58 in. (344.93 mm)	11.50 in. (292.10 mm)
Height	16.00 in. (406.40 mm)	19.00 in. (482.60 mm)	13.19 in. (335.03 mm)	11.42 in. (290.07 mm)
Width	6.50 in. (165.10 mm)	8.25 in. (209.55 mm)	6.95 in. (176.53 mm)	3.65 in. (92.71 mm)
Package Contents				
What's in the Box	System, Power Cable, Mouse, Keyboard, Antennas	System, Power Cord, Mouse, Keyboard	System, Mouse, Keyboard, Power Cable	System, Mouse, Keyboard, 2x mDP to DP Adapters, Power Cable
Warranty				
Parts	1 Year Limited	1 Year Limited	3 Years Limited	3 Years Limited
Labor	1 Year Limited	1 Year Limited	3 Years Limited	3 Years Limited