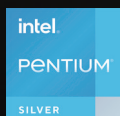Shuttle®

XPC slim **XH510G**

3 LITER MINI PC WITH AN EXTRA PCI-E X 16 SLOT

Supports Flexibility in Edge Computing

Shuttle Slim XPC XH510G is designed for commercial and industrial-grade applications. With a PCIe expansion slot included, it provides installing add-on cards to meet diverse circumstances. Equipped with Intel® H510 chipset and compatible with Intel® 11th Gen Rocket-Lake platform, XH510G supports up to 8 cores and 16 threads for high-performance computing and 4K UHD content. Multiple I/O ports are available, including 4x USB 3.2 Gen 1, 4x USB 2.0, a SATA Gen 3.0, 3x M.2, and an Intel® Gigabit LAN. XH510G can be attached to a wall mount or a monitor mount for space-constrained applications, which is a standout performance for Data Acquisition System (DAQ), Digital Motion Control, Surveillance, and Kiosk.

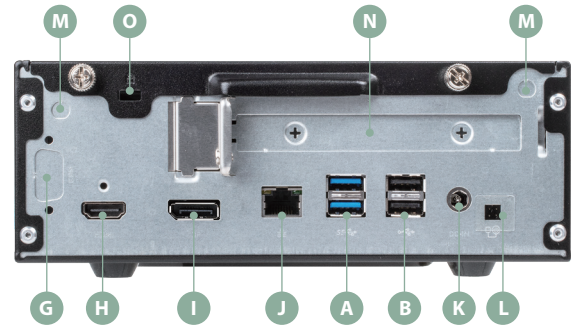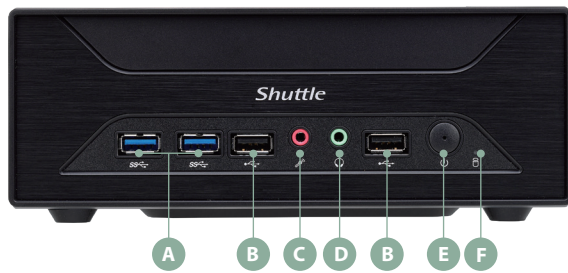|						
intel CORE i7	intel CORE i9	intel CORE i5	intel CELERON	intel PENTIUM SILVER	**4K** ULTRA HD	
					4K UHD	PCI-E x 16	M.2	GIGA LAN	VESA MOUNT

FEATURES

● Support Intel® 10/11th generation Core™, Pentium®, and Celeron® processor

● Built-in a PCI-e x 16 expansion slot for various card installation (maximum size 208.5 x 120 x 30mm)

● Three M.2 slots for M.2 SSD, Bluetooth module, or Wi-Fi module

● Dual display productivity via one HDMI 2.0 and one DisplayPort 1.4

● Rich connectivity: 4x USB 3.2 Gen 1, 4x USB 2.0, SATA Gen 3.0, and Intel® i219LM Gigabit LAN

● 24/7 Certified, operable in 0-50⁰C

Shuttle®

Legend:

- **A** USB 3.2 Gen 1 (Type-A)
- **B** USB 2.0 Ports
- **C** MIC-IN
- **D** Headphones
- **E** Power Switch / Power LED
- **F** Hard Disk Drive LED
- **G** COM Port (optional)
- **H** HDMI 2.0
- **I** DisplayPort
- **J** LAN Port
- **K** Power Jack
- **L** Cleat CMOS & Power Button & +5V
- **M** Perforation for optional WLAN (optional)
- **N** PCIe x 16 slot
- **O** Kensington® Lock Hole

SPECIFICATIONS

Model	XH510G
Cooling system	Smart fan
CPU	Intel ® 11th/10th Gen LGA1200 socket Core™ i3/i5/i7/i9, Pentium®, Celeron® 65W processor
Chipset	Intel® H510
Video Engine Processor	Intel® UHD Graphics series
Max Resolution	HDMI 4096 x 2160@60Hz DisplayPort 4096 x 2160@60Hz
Memory	2 x DDR4 3200/2933/2666 MHz, Max. 64GB
Storage	1 x 2.5" HDD/SSD (max. 12.5 mm)
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key 1 x PCIe x16 (PCIe card length Max 208mm)

Video Output	HDMI Port	1
	DisplayPort	1
	VGA Port	Optional
I/O Port	USB 3.2 Gen1/Gen2 (Front)	2 / -
	USB 2.0 (Front)	2
	USB 3.2 Gen1/Gen2 (Rear)	2 / -
	USB 2.0 (Rear)	2
	COM Port	1 x RS232 (Optional)
	Line out/Mic in	1 / 1
Network	LAN	1 x Intel® 1G LAN
	Wifi	Optional

VESA	Bracket included
Dimension (L/W/H) mm	250 x 200 x 78.5
Weight	NW (kg)	1.9
	GW (kg)	3.2
Certification	CB, CE,BSMI,cTUVus,FCC, RCM, VCCI, RoHS
Operating Temperature (ºC)	0~50
Chassis	Metal
Power Supply	19.5V/9.23A 180W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M,PS01