



16.1" Wide DreamBook P96




Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 16.1" laptop. Equipped with NVIDIA Enthusiast Graphic Card technology, and Sound BlasterX[®] Pro-Gaming 360[°] system, an extremely versatile laptop is ready to rock your world!

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DreamBook P96 Specification

Processor	•Intel® Core™ i7-9750H processor (14nm, 2.6GHz, DDR4-2666MHz, 12MB Smart Cache, TDP: 45W)	
Core Logic	•Mobile Intel® HM370 Express Chipset	
Display	•16.1" (40.89cm) FHD (1920x1080) 16:9 panel, 3.2mm	
Memory	<ul style="list-style-type: none"> •Dual channel DDR4 •Two 260 pins SODIMM sockets, support DDR4 2666 MHz (Real operation frequency depends on processor) •Expandable memory from 8GB to 64GB, depends on 4GB/8GB/16GB/32GB SODIMM module •Support XMP 3000 MHz (XMP support depends on processor) 	
Video Controller	<ul style="list-style-type: none"> •NVIDIA® GeForce RTX™ 2060 (N18E-G1) <ul style="list-style-type: none"> - 6GB GDDR6 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - NVIDIA PhysX® - GeForce CUDA™ technology 	<ul style="list-style-type: none"> •Intel® UHD Graphics 630 <ul style="list-style-type: none"> - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
	<ul style="list-style-type: none"> •Microsoft Hybrid Graphics mode •Support 4 active displays •Support NVIDIA® Surround View via HDMI x1, miniDP x1 and DisplayPort over Type-C x1 	
Storage	<ul style="list-style-type: none"> •One changeable 2.5" 7mm(H) HDD/SSD, SATA interface •(Factory Option) One M.2 2280 SSD,SATA / PCIe Gen3x4 interface or Two M.2 2280 PCIe Gen3x4 interface (RAID 0/1) 	
Audio	<ul style="list-style-type: none"> •High Definition Audio •S/PDIF digital output •Built in array microphone •Built in two 2W speakers •Sound BlasterX® Pro-Gaming 360° 	
Keyboard and Pointing Device	<ul style="list-style-type: none"> •Multi languages full color illuminated full size keyboard with numeric pad •(Factory Option) Multi languages LED per Key full color illuminated full size keyboard with numeric pad •(Factory Option) Built in Gamma Secure pad or Touch pad with Microsoft PTP multi-gesture and scrolling function •W/A/S/D gaming key 	
I/O ports	<ul style="list-style-type: none"> •1 x USB 3.1 Gen 2 port (Type-C) •1 x DisplayPort 1.3 over USB 3.1 Gen 2 (Type-C) •2 x USB 3.0 port (USB3.1 Gen 1, 1x powered USB port, AC/DC) •1 x Mini DisplayPort 1.3 •1 x HDMI™ output port (with HDCP) •1 x 2-in-1 Audio Jack (Microphone / S/PDIF optical) •1 x 2-in-1 Audio Jack (Headphone / Microphone) •1 x RJ-45 LAN port •1 x DC-in jack 	
		
Card Reader	<ul style="list-style-type: none"> •6-in-1 Push-Push Card reader <ul style="list-style-type: none"> - MMC / RSMHC - SD / mini SD / SDHC / SDXC up to UHS-II 	
Slot	<ul style="list-style-type: none"> •Three M.2 card slots <ul style="list-style-type: none"> -1st for WLAN Combo M.2 2230 Card with PCIe / USB / CNVi interface (E key) -2nd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 interface (M key) -3rd for SSD M.2 2280 Card with PCIe Gen3x4 interface (M key) 	
Communication	<ul style="list-style-type: none"> •Built in 10/100/1000Mb Base-TX Ethernet LAN •(Factory Option) Intel® Dual Band Wireless-AC 9560, 2x2 AC + BT M.2 2230 (Jefferson Peak 2) •(Factory Option) Intel® Dual Band Wireless-AC 9260, 2x2 AC + BT M.2 2230 (Thunder Peak 2) •(Factory Option) Intel® Dual Band Wireless-AC 9462, 1x1 AC + BT M.2 2230 (Jefferson Peak 1) •(Factory Option) Qualcomm® Atheros Killer™ Dual Band Wireless-AC 1550i, 2x2 AC + BT M.2 2230 •1.0M HD video camera 	
Power Supply	<ul style="list-style-type: none"> •Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 9.23A, 180W •Embedded 4 cells Polymer battery pack, 62WH •Battery life: 450 minutes (with UMA mode, 62WH Battery) 	
Security	<ul style="list-style-type: none"> •Security (Kensington® Type) Lock Slot •Intel ® PTT for system without hardware TPM •(Factory Option) Finger print on Glass •(Factory Option) TPM 2.0 	
Others Design	<ul style="list-style-type: none"> •Metal (A/C/D) •Shipping mode •FlexiCharger •Virtual Reality ready •Intel® Optane™ Technology (For Intel core processor family) •Windows® Mixed Reality Compatible •(Factory Option) USB drive 	
OS Support	•Windows®10 RS5 (64 bit)	
Certificate	<ul style="list-style-type: none"> •Windows®10 RS5 (64 bit) Logo •HDMI™ Logo 	
Dimension	•380(W) x 252(D) x 19.9(H) mm	
Weight	•2.09 Kg,including Barebone and 62WH Battery	



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