




DreamBook Power P87 VR SLI



Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 17.3" laptop. Equipped with NVIDIA Enthusiast Graphics and G-SYNC technology and Sound BlasterX® Pro-Gaming 360° system an extremely versatile laptop is ready to rock your world!

P87 VR SLI Specification

| | |
|-------------------------------------|--|
| Processor | <ul style="list-style-type: none"> Intel® Core™ i7-8700K processor (14nm, 3.7GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 95W) Intel® Core™ i7-8700 processor (14nm, 3.2GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 65W) Intel® Core™ i5-8600K processor (14nm, 3.6GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 95W) Intel® Core™ i5-8400 processor (14nm, 2.8GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 65W) Support CPU over clocking depends on CPU SKU (Both of base frequency and ratio) |
| Core Logic | <ul style="list-style-type: none"> Intel® Z370 Express Chipset |
| Display | <ul style="list-style-type: none"> 17.3" (43.94cm) UHD (3840x2160) / QHD (2560x1440) / FHD (1920x1080) 16:9 panel, 4.0mm |
| Memory | <ul style="list-style-type: none"> Dual channel DDR4 Four 260 pins SODIMM sockets, support DDR4 2400 MHz (Real operation frequency depends on processor) Expandable memory from 8GB to 64GB, depends on 4GB/8GB/16GB SODIMM module Support XMP 2666/3000 MHz (XMP support depends on processor and works with 4 DIMMs dual channel or 2 DIMMs single channel) |
| Video Controller | <ul style="list-style-type: none"> NVIDIA® GeForce GTX 1080 (N17E-G3) <ul style="list-style-type: none"> 8GB GDDR5X Video RAM Support PCIe x8 Microsoft DirectX® 12 compatible MXM3.0 NVIDIA® PhysX® GeForce CUDA™ technology Support 4 active displays Support NVIDIA® Surround View GPU over clocking Support NVIDIA® SLI® Technology |
| Storage | <ul style="list-style-type: none"> Two changeable 2.5" 7mm/9.5mm(H) HDD/SSD, SATA interface (RAID 0/1) (Factory Option) Three M.2 2280 SSD PCIe Gen3 x4 interface (RAID 0/1) or Two M.2 2280 SSD, SATA 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 speakers Built in one subwoofer speaker Sound BlasterX® Pro-Gaming 360° ESS™ SABRE HiFi DAC for high resolution headphone audio External 7.1CH audio output supported by 2-in-1 Audio, Microphone, Line-in and Line-out jacks |
| Keyboard and Pointing Device | <ul style="list-style-type: none"> Multi languages full color illuminated full size keyboard with numeric pad and anti-ghost keys Built in Secure pad with Microsoft PTP multi-gesture and scrolling function W/A/S/D gaming key |
| I/O ports | <ul style="list-style-type: none"> 5 x USB 3.0 ports (USB3.1 Gen1, 1 x powered USB port, AC/DC) 2 x USB 3.1 Gen2 / Thunderbolt™ 3 combo port (Type-C) 2 x Mini DisplayPort 1.3 1 x HDMI™ output port (with HDCP) 1 x 2-in-1 Audio Jack (Headphone / S/PDIF optical output) 1 x Microphone jack 1 x Line-out jack 1 x Line-in jack 2 x RJ-45 LAN port (Killer DoubleShot™ Pro) 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"> Four M.2 card slots <ul style="list-style-type: none"> -1st for WLAN Combo M.2 2230 Card with PCIe x2 and USB interface (A key) -2nd for SSD M.2 2280 Card with SATA / PCIe Gen3 x4 interface (M key) -3rd for SSD M.2 2280 Card with SATA / PCIe Gen3 x4 interface (M key) -4th for SSD M.2 2280 Card with PCIe Gen3 x4 interface or Optane™ (M key) |
| Communication | <ul style="list-style-type: none"> Built in Qualcomm® 10/100/1000Mb Base-TX Ethernet LAN (Factory Option) Intel® Dual Band Wireless-AC 8265, 2x2 AC +BT M.2 2230 (Windstorm Peak) (Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1535 Dual Band 2x2 AC +BT M.2 2230 (Factory Option) Wireless LAN 802.11AD + Bluetooth v4.1 Combo M.2 2230 Card module 2.0M FHD video camera |
| Power Supply | <ul style="list-style-type: none"> Dual Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 16.9A, 330W with Power Converter Box AC-200 Embedded 8 cells Smart Lithium-Ion battery pack, 89WH Battery life: 180 min (with NVIDIA® GeForce GTX 1080 single, 89WH battery) |
| Security | <ul style="list-style-type: none"> Security (Kensington® Type) Lock Slot Area fingerprint TPM 2.0 |
| Others Design | <ul style="list-style-type: none"> Shipping Mode FlexiCharger Killer DoubleShot-X3™ Pro with Killer™ Wireless-AC 1535 module Virtual Reality ready supported with Processor i7/i5 NVIDIA® G-SYNC™ Technology Support Windows® 10 Cortana with Voice Intel® Optane™ Technology (Factory Option) USB drive |
| OS Support | <ul style="list-style-type: none"> Windows® 10 (64-bit) |
| Certificate | <ul style="list-style-type: none"> Windows® 10 (64-bit) Logo HDMI™ Logo |
| Dimension | <ul style="list-style-type: none"> 428(W) x 308(D) x 47.2(H) mm |
| Weight | <ul style="list-style-type: none"> 5.5kg, Including Barebone, VGA single card and 89WH Battery |

2017/10 Version

Remark:

Battery life may vary depending on applications and configuration.

Weight tolerance is +/- 5%.

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