PIONEER COMPUTERS

14.0" Wide

DreamVision N14

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DreamVision N14 Specification

Processor / Core Logic	• Intel® Core™ i7-8550U processor (14nm, 1.8GHz, DDR4-2400MHz, 8MB Smart Cache, TDP: 15W) • Intel® Core™ i5-8250U processor (14nm, 1.6GHz, DDR4-2400MHz, 6MB Smart Cache, TDP: 15W) • Intel® Core™ i3-8130U processor (14nm, 2.2GHz, DDR4-2400MHz, 4MB Smart Cache, TDP: 15W) • Intel® Core™ i7-7500U processor (14nm, 2.7GHz, DDR4-2133MHz, 4MB Smart Cache, TDP: 15W) • Intel® Core™ i5-7200U processor (14nm, 2.5GHz, DDR4-2133MHz, 3MB Smart Cache, TDP: 15W) • Intel® Core™ i3-7100U processor (14nm, 2.4GHz, DDR4-2133MHz, 3MB Smart Cache, TDP: 15W) • Intel® Core™ i3-7130U processor (14nm, 2.7GHz, DDR4-2133MHz, 3MB Smart Cache, TDP: 15W) • Intel® Celeron® 3865U processor (14nm, 1.8GHz, DDR4-2133MHz, 2MB Smart Cache, TDP: 15W) • Intel® Pentium® 4415U processor (14nm, 2.3GHz, DDR4-2133MHz, 2MB Smart Cache, TDP: 15W)
Display	• 14" (35.56cm) FHD (1920x1080) / HD (1366x768) 16:9 panel, 3mm
Memory	• Dual channel DDR4 (i7-8550U / i5-8250U / i3-8130U integrated) • Two 260 pins SODIMM sockets, support DDR4 2400MHz (Real operation frequency depends on processor) • Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM Module
	• Dual channel DDR4 (i7-7500U / i5-7200U / i3-7130U / i3-7100U / 4415U / 3865U integrated) • Two 260 pins SODIMM sockets, support DDR4 2133MHz (Real operation frequency depends on processor) • Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM Module
Video Controller	• Intel® UHD Graphics 620 (i7-8550U / i5-8250U / i3-8130U integrated) - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
	• Intel® HD Graphics 610 (4415U / 3865U integrated) - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
	• Intel® HD Graphics 620 (i7-7500U / i5-7200U / i3-7100U / i3-7130U integrated) - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
Storage	• One changeable 2.5" 7.0mm(H) HDD / SSD, SATA interfaceH • (Factory Option) One M.2 SSD 2280, SATA/PCIE Gen3x4 interface (i7-8550U / i5-8250U / i3-8130U / i7-7500U / i5-7200U / i3-7130U / i3-7100U integrated) • (Factory Option) One M.2 SSD 2280, PCIE Gen2x2 interface (4415U / 3865U integrated)
Audio	• High Definition Audio • Built in array microphone • Built in two speakers
Keyboard and Pointing Device	• Multi languages A4 size isolated keyboard • (Factory Option) Multi languages A4 size isolated illuminated keyboard • Built in touch pad with Microsoft PTP multi-gesture and scrolling function
I/O ports	• 2 x USB 3.0 (USB3.1 Gen 1) ports (Type A) • 1 x USB 3.0 (USB3.1 Gen 1) port (Type C) or (Factory option) Thunderbolt™ 3 combo port (Type C) • 1 x Mini Display port 1.2 • 1 x HDMI™ output port (with HDCP) • 1 x Headphone jack • 1 x Microphone jack • 1 x RJ-45 LAN port • 1 x DC-in jack
Card Reader	• 6-in-1 Card reader MMC / RSMMC SD / mini SD / SDHC / SDXC
Slot	• Three M.2 card slot - 1st for WLAN Combo M.2 2230 Card with PCIe and USB interface (A Key) - 2nd for M.2 SSD 2280 Card with SATA / PCIE Gen3x4 interface (M Key) - (Factory Option) 3rd for LTE M.2 3042 Card with USB interface (B Key)
Communication	• Built in 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) Intel® Dual Band Wireless-AC 3168, 1x1 AC +BT M.2 2230 (Sandy Peak) (Factory option) Intel® Dual Band Wireless-AC 9260 2x2 AC +BT M.2 2230 (Thunder Peak 2) • (Factory option) LTE M.2 module 3042 • 1.0M HD video camera or (Factory option) Windows Hello Camera
Power Supply	• Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V 2.1A, 40W • Embedded Polymer Smart Lithium-Ion battery pack, 36WH • Battery life: 480 minutes (with 36WH battery)
Security	• Security (Kensington® Type) Lock Slot • Intel® PTT for system without Hardware TPM • (Factory option) TPM 2.0
Others design	• Metal (A/C/D) • Shipping mode • Flexicharger • Intel Optane • Microsoft Cortana with Voice Technology
O.S. Support	• Windows® 10 RS3
Certificate	• Windows® 10 RS3 Logo • HDMI™ Logo
Dimension	• 329.8(W) x 225(D) x 18.8(H)mm
Weight	• 1.4kg, including Barebone and 36WH Battery

2018/06 Version

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