



Acer TravelMate Spin B3 B311R-31-C2K1 N4020 Hybrid (2-in-1) 29.5 cm (11.6") Touchscreen HD Intel® Celeron® N 4 GB DDR4- SDRAM 64 GB Flash Wi-Fi 5 (802.11ac) Windows 10 Pro Education Black

Brand : Acer

Product family: TravelMate

Product code: NX.VN8EK.007

Product name : B311R-31-C2K1

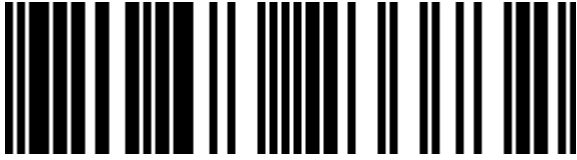
- Windows 10 Pro Education 64-bit
- Intel Celeron N4020 (4MB Cache, 1.1GHz)
- 29.5 cm (11.6") HD 1366 x 768 IPS Touch
- 4GB DDR4-SDRAM & 64GB Flash

Intel Celeron N4020 (4MB Cache, 1.1GHz), 4GB DDR4-SDRAM, 64GB Flash, 29.5 cm (11.6") HD 1366 x 768 IPS Touch, Intel UHD Graphics 600, LAN, WLAN, Webcam, Windows 10 Pro Education 64-bit (Folder). Processor family: Intel® Celeron® N, Processor model: N4020, Processor frequency: 1.1 GHz. Display diagonal: 29.5 cm (11.6"), HD type: HD, Display resolution: 1366 x 768 pixels, Touchscreen. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 64 GB, Storage media: Flash. Operating system installed: Windows 10 Pro Education. Product colour: Black



Design		Ports & interfaces	
Colour name	Shale Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Product type *	Hybrid (2-in-1)	Ethernet LAN (RJ-45) ports	1
Product colour *	Black	HDMI ports quantity *	1
Form factor *	Convertible (Folder)	Headphone outputs	1
Display		Combo headphone/mic port	✓
Display diagonal *	29.5 cm (11.6")	Charging port type	DC-in jack
Display resolution *	1366 x 768 pixels	Performance	
Touchscreen *	✓	Accelerometer	✓
HD type	HD	Keyboard	
Panel type	IPS	Pointing device	Touchpad
LED backlight	✓	Keyboard layout	QWERTY
Native aspect ratio	16:9	Keyboard language	UK English
Processor		Numeric keypad *	✗
Processor manufacturer *	Intel	Software	
Processor model *	N4020	Operating system architecture	64-bit
Processor family *	Intel® Celeron® N	Operating system installed *	Windows 10 Pro Education
Processor frequency *	1.1 GHz	Processor special features	
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor cache	4 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	4 GB	Intel 64	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory layout (slots x size)	1 x 4 GB	Idle States	✓
Storage		CPU configuration (max)	1
Total storage capacity *	64 GB	Embedded options available	✗
Storage media *	Flash		
Flash memory	64 GB		
Optical drive type *	✗		

Storage		Processor special features	
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	MicroSD (TransFlash)	Intel Virtualization Technology (VT-x)	✓
Graphics		Battery	
Discrete graphics card model *	Not available	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Number of battery cells	3
Discrete graphics card *	✗	Battery capacity *	48 Wh
On-board graphics card model *	Intel® UHD Graphics 600	Battery life (max)	12 h
Audio		Power	
Number of built-in speakers	2	AC adapter power	45 W
Built-in microphone	✓	Security	
Number of microphones	2	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera	✓	Fingerprint reader	✗
Front camera resolution	1280 x 720 pixels	Trusted Platform Module (TPM)	✓
Front camera HD type	HD	Password protection	✓
Network		Password protection type	BIOS, HDD, Supervisor, User
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Width	295 mm
Mobile network connection *	✗	Depth	212 mm
Antenna type	2x2	Height	20.9 mm
WLAN controller model	Intel Dual Band Wireless-AC 9560	Weight *	1.49 kg
WLAN controller manufacturer	Intel	Packaging content	
Ethernet LAN	✓	Cables included	AC
Ethernet LAN data rates	10,100,1000 Mbit/s	Logistics data	
Bluetooth	✓	Harmonized System (HS) code	84713000
Bluetooth version	5.0		
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		



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