

INTEL® NUC 8 RUGGED



Intel® Celeron® Processor N3350

1.1 GHz to 2.4 GHz Burst, Dual Core, 2 MB cache, 6W TDP
Intel® HD Graphics 500



“Chaco Canyon”

Family Features

- **Dual HDMI** (1x HDMI 2.0a, 1x HDMI 1.4), with **built-in CEC for both ports**
- **Internal 4-lane eDP connector**
- **4GB RAM**, dual-channel (soldered-down)
- **64GB eMMC** soldered-down; **M.2 2280 key M** slot for PCIe x4 NVMe or SATA SSD
- **Intel® i211-AT** 10/100/1000 Mbps RJ45 Ethernet
- **Intel® Wireless-AC 3168** M.2 card pre-installed w/internal antennas (kit SKUs only)
- 1x front USB 3.0, 1x rear USB 3.0, 2x rear USB 2.0
- 1x internal USB 3.0 header (host & device modes)
- 2x internal USB 2.0 headers (all USB ports with individual USB power control)
- 1x **RS232 serial** port header
- Up to 7.1 multichannel digital audio via HDMI
- Analog audio stereo output jack
- Front-panel header (incl. Vcc5/1A, 5Vsby/2A, 3.3Vsby/1A)
- **Qualified for 24x7 operation; delayed AC start; DC transient voltage suppression**
- **EDID emulation** (headless display, 2nd virtual display, persistent displays)
- 12 – 24V_{DC} rear jack, internal 2x2 connector
- Plastic chassis, Kensington lock with base security, **DC cable strain relief**
 - **0~40degC** external ambient operating temperature
 - 19V_{DC} 65W power supply adapter with geo-specific AC cords
 - VESA mounting holes built into chassis (for **slim profile mounting**)
 - Other mounting options: **picture frame keyholes, zip-tie indentations**, 3rd party DIN rail bracket
 - **Front panel expansion bay** (compliant with daughtercards from 3rd party functional lids)
- Chassis dimensions: 154 x 108 x 32 mm; Board dimensions: 146 x 102 mm
- Supports Microsoft Windows* 10 Pro, Windows 10 IOT Enterprise
- Compatible with various Linux distros; Android validation and image availability (TBD)
- Individual brown-box packaging
- **Three-year Warranty**

Available Skus

Mini PC Kit Chassis Board

SKU details and ordering codes on next page

This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

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Chaco Canyon Kit – NUC8CCHKR

Product Code	MM#	AC Cord	Processor
PPNUC8CCHKR	999DK9	US	Intel® Celeron N3350
BKNUC8CCHKR	999DKA	None	
BKNUC8CCHKR1	999DKC	US	
BKNUC8CCHKR2	999DKD	EU	
BKNUC8CCHKR3	999DKF	UK	
BKNUC8CCHKR4	999DKG	AU	
BKNUC8CCHKR5	999DKH	IN	

Chaco Canyon Board – NUC8CCHB

Product Code	MM#
PPNUC8CCHB	999DKJ
BKNUC8CCHB	999DKK