

# SolidRun Bedrock V3000 Basic Specifications

Feature	Specification	Notes
<b>CPU</b>	AMD Ryzen™ Embedded V3000 Series 8C/16T Zen3+ 6nm Up to 3.8 GHz Up to 45W	
<b>RAM</b>	Dual channel DDR5-4800 up to 64 GB ECC / non-ECC	2x SODIMM (2x32 bit each) RAM is conduction cooled
<b>Main storage</b>	NVMe PCIe Gen4 x 4	M.2 key-M 2280 Optional power-loss-protection NVMe is conduction cooled
<b>Extra storage</b>	2x NVMe PCIe Gen4 x 4	2x M.2 key-M 2280 NVMe devices are conduction cooled
<b>LAN</b>	2x 10 GbE (native, supports fiber / copper) 4x 2.5 GbE (Intel I226)	2x SFP+ 4x RJ45
<b>WLAN</b>	WiFi 6E (Intel AX210) BT 5.3	2x RP-SMA antennas Optional and upgradable (M.2 key-E 2230)
<b>Modem</b>	4G / 5G (Quectel)	2x SMA antennas Optional and upgradable (M.2 key-B 3042 / 3052)
<b>USB</b>	3x USB 3.2 gen 2 10 Gb/s 1x USB 2.0	Connectors: 4x USB type-A
<b>Console</b>	Serial over USB	mini-USB connector
<b>BIOS</b>	AMI Aptio V	Dual SPI FLASH for redundancy Console redirection
<b>Operating systems</b>	Windows 10/11/IoT, Linux	Other x86 operating systems supported
<b>Power</b>	DC 12V-60V	Phoenix terminal Other DC connectors available
<b>Temperature range</b>	0°C to 70°C	-40°C to 85°C to be available in 2023
<b>Enclosure</b>	All aluminum enclosure, fanless cooling	
<b>Dimensions</b>	30W model: 45 mm (W) x 160 mm (H) x 130 mm (D) - 0.9 liter  60W model: 73 mm (W) x 160 mm (H) x 130 mm (D) - 1.5 liter  Tile model: 29 mm (W) x 160 mm (H) x 130 mm (D) - 0.6 liter	
<b>Mounting</b>	DIN-rail, wall, table top	