

CPU	Select one	<div><div><input type="checkbox"/> Ryzen 9 Pro 8945HS 45W APU 8C/16T AI ECC</div><div><input type="checkbox"/> Ryzen Embedded 8845HS 10y 45W APU 8C/16T AI ECC</div><div><input type="checkbox"/> Ryzen Embedded 8840U 10y 15W APU 8C/16T AI ECC</div><div><input type="checkbox"/> AMD Ryzen 7 7840U AI 15W APU 8C/16T</div><div><input type="checkbox"/> AMD Ryzen 7 7840HS AI 45W APU 8C/16T</div><div><input type="checkbox"/> AMD Ryzen 3 7440U 15W APU 4C/8T</div></div> <div>Enclosure should be matched to CPU power. See below Enclosure / Walls</div> <div>CPU is soldered down on Bedrock R7000 SoM (System on Module)</div>
RAM	Select one	<div><div><input type="checkbox"/> No RAM Requires applying thermal paste</div><div><input type="checkbox"/> 8 GB 1x8 GB DDR5</div><div><input type="checkbox"/> 16 GB 2x8 GB DDR5</div><div><input type="checkbox"/> 32 GB 2x16 GB DDR5</div><div><input type="checkbox"/> 32 GB ECC 2x16 GB DDR5 ECC</div><div><input type="checkbox"/> 64 GB 2x32 GB DDR5</div></div> <div>RAM is 2x SODIMM DDR5</div> <div>ECC is supported by Pro / Embedded CPUs only.</div>
Main storage	Select one	<div><div><input type="checkbox"/> No main storage</div><div><input type="checkbox"/> 960 GB PLP Micron 7450 PLP: power loss protection Gen 4</div><div><input type="checkbox"/> 1 TB Samsung EVO 980 Pro Gen 4</div><div><input type="checkbox"/> 256 GB ADATA 710 Gen 3</div><div><input type="checkbox"/> 512 GB ADATA 710 Gen 3</div></div> <div>Additional storage devices can be installed. See below SX / PCIe x4 slot</div>
		OS Select one <div><div><input type="checkbox"/> No OS</div><div><input type="checkbox"/> Ubuntu Linux</div><div><input type="checkbox"/> Windows 11 IOT</div></div>
NIO	Select one	<div><div><input type="checkbox"/> NIO R8000 4X25 4x 2.5 GbE, USB4</div><div><input type="checkbox"/> NIO R7000 Basic 2x 2.5 GbE</div></div> <div>NIO is Networking & I/O board</div>
SX	Select one	<div><div><input type="checkbox"/> No SX</div><div><input type="checkbox"/> SX 4M2 4x M.2 sockets</div></div> <div>SX is Storage & Extension Cards board</div>
		<div><div>No extension options</div><div><div>PCIe x4 slot 1 Select one<div><div><input type="checkbox"/> No device</div><div><input type="checkbox"/> 1 TB Samsung EVO 980 Pro Gen 4</div><div><input type="checkbox"/> 1 TB ADATA 710 Gen 3</div><div><input type="checkbox"/> 2 TB ADATA 710 Gen 3</div><div><input type="checkbox"/> Hailo-8 AI acceleration module</div></div></div><div>PCIe x4 slot 2 Select one<div><div><input type="checkbox"/> No device</div><div><input type="checkbox"/> 1 TB Samsung EVO 980 Pro Gen 4</div><div><input type="checkbox"/> 1 TB ADATA 710 Gen 3</div><div><input type="checkbox"/> 2 TB ADATA 710 Gen 3</div><div><input type="checkbox"/> Hailo-8 AI acceleration module</div></div></div><div>M.2 key-E Select one<div><div><input type="checkbox"/> No WiFi</div><div><input type="checkbox"/> Customer's WiFi M.2 key-E 2230 PCIe + USB 2 Requires antennas</div><div><input type="checkbox"/> WiFi 6E Intel AX210 Requires antennas</div><div><input type="checkbox"/> Hailo-8 AI acceleration module</div></div><div>For antennas, see below Enclosure / Top panel</div></div><div>Modem Select one<div><div><input type="checkbox"/> No modem</div><div><input type="checkbox"/> Customer's modem M.2 key-E 2230 USB 3.2 Requires antennas & SIM</div><div><input type="checkbox"/> LTE Cat 4 Quectel EM05-G Requires antennas & SIM</div><div><input type="checkbox"/> LTE Cat 12 Quectel EM12-G Requires antennas & SIM</div><div><input type="checkbox"/> 5G Quectel RM520N Requires antennas & SIM</div></div><div>For antennas, see below Enclosure / Top panel For SIM, see below Enclosure / Rear panel</div></div></div></div>
PM	Select one	<div><div><input type="checkbox"/> No PM 12V - 24V DC in</div><div><input type="checkbox"/> PM 1260 12V - 60V DC in</div><div><input type="checkbox"/> PM 1248 12V - 48V DC in</div></div> <div>PM is Power Module</div>
DCCON	Select one	<div><div><input checked="" type="checkbox"/> DCCON Phoenix terminal</div><div><input type="checkbox"/> DCCON is DC in Connector</div></div>
Enclosure	Select one	<div><div><input type="checkbox"/> Without enclosure requires customer's thermal design</div><div><input type="checkbox"/> Enclosure</div></div> <div>No enclosure options</div> <div><div>Walls Select one<div><div><input type="checkbox"/> Tile 29x160x130 mm 15W / 45W CPU Conduction cooling</div><div><input type="checkbox"/> 30W enclosure 45x160x130 mm 15W CPU Passive cooling</div><div><input type="checkbox"/> 60W enclosure 73x160x130 mm 45W CPU Passive cooling</div></div></div><div>Front panel Select one<div><div><input type="checkbox"/> Panel R7000 Basic Required for NIO R7000 Basic</div><div><input type="checkbox"/> Panel R8000 4X25 Required for NIO R8000 4X25</div></div></div><div>Top panel Select one<div><div><input type="checkbox"/> Generic top panel No antennas</div><div><input type="checkbox"/> Top panel with antennas Required for Wifi or modem</div></div></div><div>Rear panel Select one<div><div><input type="checkbox"/> Generic rear panel</div><div><input type="checkbox"/> Rear panel with SIM trays Required for modem</div></div></div><div>Bottom panel Select one<div><div><input type="checkbox"/> Generic bottom panel</div></div></div></div>
Temperature	Select one	<div><div><input type="checkbox"/> Commercial 0°C to 70°C</div><div><input type="checkbox"/> Industrial -40°C to 85°C</div></div>

