

## NEORACK-1U-ADL

### 1U Rackmount Q670E Embedded Barebone Alder Lake / 1\*2.5GbE+1\*1GbE / 4\*M.2



#### Features

- 1U Rackmount Embedded Barebone
- Planned Product Lifecycle Through Q1'2037
- Supports 12/13th Gen Alder Lake, Raptor Lake, vPro
- Supports DDR5 SODIMM up to 64GB Total
- 1 \* Intel 2.5GbE + 1 \* Intel 1GbE (iAMT), HD Audio
- Internal 2 \* 2.5" or 1 \* 3.5" SATA3 RAID 0/1 Bays
- M.2 M-key PCIE 4.0 x4 NVME & SATA 2242
- M.2 M-key PCIE 3.0 x4 NVME, M.2 E-key, M.2 B-key
- Up to 3 Displays: HDMI (4K), DisplayPort (4K), VGA
- PCIE 4.0 x16 Riser Card (full-height, single slot)
- 2 \* Serial, Watchdog Timer, 6 \* USB 3.2 Gen2
- 300W FlexATX Power Supply

<b>Processor</b>	<ul style="list-style-type: none"> <li>■ Supports 12/13<sup>th</sup> Gen Alder Lake, Raptor Lake processors up to 65W, LGA1700, vPro</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>■ 2 * DDR5 SODIMM up to 64GB total memory</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>■ M.2 2230 for WIFI (USB2/PCIE/CNVI), 1 * PCIE 4.0 x16 riser card (single-slot, full-height)</li> <li>■ M.2 3042 for Cellular (USB3/USB2/PCIE) with SIM card holder</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>■ 2 * 2.5" or 1 * 3.5" SATA3 bays supporting RAID 0, 1, JBOD</li> <li>■ M.2 M-key PCIE 4.0 x4 NVME &amp; SATA 2242, M.2 M-key PCIE 3.0 x4 NVME 2280</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>■ 1 * Intel i225-V 2.5GbE, 1 * Intel i219-LM 1GbE (iAMT)</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>■ ACPI S3/S4/S5, AHCI, Watchdog Timer 10-255 min/sec, Optional TPM2 IC</li> </ul>
<b>Front Panel I/O</b>	<ul style="list-style-type: none"> <li>■ Power, Reset, LEDs, 2 * USB 2.0 ports</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>■ HDMI 2.0b 4K@60Hz, DisplayPort 1.4a 4K@60Hz, VGA, 6 * USB 3.2 Gen2, 2 * RJ45 LAN, 2 * Serial (1 * RS232, 1 * RS232/422/485), Line-in, Line-out, Mic, Alternative Power &amp; Reset, PCIE x16 slot, 2 * Antenna Holes, AC-in</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>■ AMI UEFI BIOS with Intel PTT Platform Trusted Technology (TPM 2.0 emulation)</li> </ul>
<b>Box Contents</b>	<ul style="list-style-type: none"> <li>■ US Power cord, SATA cable, Low profile CPU heatsink/fan, PCIE x16 riser card, 300W PSU</li> </ul>
<b>Compliance</b>	<ul style="list-style-type: none"> <li>■ CE, FCC, RoHS, ErP Ready</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>■ Operating Temperature 0 - 50° C, Storage Temperature -40 - 85° C</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>■ 252 x 430 x 44mm (DxWxH)</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>■ 2 Years limited warranty</li> </ul>

\*Specifications subject to change without notice, not responsible for typographical errors.