

### GLT4001N Neutrino-GLT

GLT control computer for higher-level building management functions with Intel Core 2 Duo processor for connecting controllers of type DDC, MRP, LRP, HRP or, optionally, several BACnet and LON devices.



Subject to change

#### The GLT4001N Neutrino-GLT includes the following components

Component	Item	Comment
Computer PS/2 keyboard and opt. mouse BSS manual Installation CD-ROM		
Basic software	GLT-SW4000 incl. Modem software System schematic display Notebook Connection Controllers of type DDC, MRP, HRP or LRP	10 trend curves
Connections	1 x serial interface 1 x parallel interface 1 x Ethernet RJ45 4 x USB	

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<b>System Features</b>
<p><b>Model</b></p> <ul style="list-style-type: none"> <li>Intel Core 2 Duo E8400 3.00 GHz processor system FSB 1333/1066/800 MHz (quad-pumped)</li> </ul>
<p><b>RAM</b></p> <ul style="list-style-type: none"> <li>Standard: 1 GB DDR2, PC1066, CL4, non-ECC, unbuffered, maximum 8 GB</li> </ul>
<p><b>Cache</b></p> <ul style="list-style-type: none"> <li>6 MB L2 cache with virtualization technology and Trusted Execution technology</li> </ul>
<p><b>System architecture</b></p> <ul style="list-style-type: none"> <li>µATX system board with Intel i945 Q35 chipset</li> <li>ASUS P5E-VM-DO</li> </ul>

<b>Standard equipment</b>								
<p><b>Slots (internal, with standard configuration)</b></p> <ul style="list-style-type: none"> <li>1 x PCI-E x 16</li> <li>1 x PCI-E x 1</li> <li>2 x PCI-2.2 slots</li> </ul> <p><b>Graphic adapter</b></p> <ul style="list-style-type: none"> <li>Graphics chip: Intel Graphics Media Accelerator 3100</li> <li>Dyn. DDR RAM 64 to 384 MB, 120 Hz refresh rate, 350 MHz RAMDAC</li> <li>Max. resolution: 2045x1536</li> </ul> <p><b>Interfaces</b></p> <ul style="list-style-type: none"> <li>1 x serial DB9</li> <li>1 x parallel DB25 with EPP/ECP support</li> <li>2 x PS/2 for mouse and keyboard</li> <li>FDD and ITE-IDE HDD controllers on board</li> <li>4 x USB 2.0</li> <li>8 x USB 2.0 internal</li> <li>1 x VGA/SVGA</li> </ul> <p><b>Drives</b></p> <ul style="list-style-type: none"> <li>3.5" disk drive</li> <li>Samsung SH-S203P DVD burner with support for:</li> </ul> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">CD-R 48 x</td> <td>DVD-RW 6 x</td> </tr> <tr> <td>CD-RW 40 x</td> <td>DVD+RW 8 x</td> </tr> <tr> <td>DVD+R 20 x</td> <td>DVD-RAM 12 x</td> </tr> <tr> <td>DVD-R 20 x</td> <td>2.4 x double layer</td> </tr> </table> <p><b>Hard disk</b></p> <ul style="list-style-type: none"> <li>1 x 250 GB 7200 rpm S-ATA-II HDD</li> <li>Continuous 24/7 operation</li> </ul> <p><b>Scope of delivery</b></p> <ul style="list-style-type: none"> <li>PS/2 keyboard and optical mouse</li> <li>QNX operating system</li> <li>Manual</li> <li>Power cable</li> </ul> <p><b>Network</b></p> <ul style="list-style-type: none"> <li>10/100/1000 Mbit/s Ethernet</li> </ul> <p><b>Audio</b></p> <ul style="list-style-type: none"> <li>Realtek ALC 883 on board</li> </ul>	CD-R 48 x	DVD-RW 6 x	CD-RW 40 x	DVD+RW 8 x	DVD+R 20 x	DVD-RAM 12 x	DVD-R 20 x	2.4 x double layer
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<b>General Information</b>
<p><b>Slide-in units</b></p> <ul style="list-style-type: none"> <li>2 x 3.5" FDD assigned, externally accessible, audio output and USB assigned</li> <li>3 x 3.5" internal, of which 1 is HDD assigned</li> <li>4 x 5.25", one slide-in unit, DVD burner assigned, all slide-in units externally accessible</li> </ul> <p><b>Power supply unit</b></p> <ul style="list-style-type: none"> <li>Input voltage: 15 - 120 Volts / 200 - 230 Volts</li> <li>Frequency range: 50 - 60 Hz (47 - 63 Hz)</li> <li>Power 350 Watts</li> <li>Power consumption 101 Watts</li> <li>Standby 5.0 Watts</li> </ul> <p><b>Noise level</b></p> <ul style="list-style-type: none"> <li>When working (accessing HDD): 28.5 dB(A)</li> </ul> <p><b>Certifications</b></p> <ul style="list-style-type: none"> <li>Electrical safety: EN 60950, UL 1950</li> <li>Ergonomics: EN29241-3, ISO 9241-8</li> <li>Electromagnetic compatibility: EN 55022/B, EN 55024, EN 61000-3-3, FCC Class B</li> <li>CE certification: EU directive 89/336/EEC</li> <li>GS certificate</li> <li>Noise emissions: EN 27779, ISO 9296</li> <li>Environmental impact: EPA compliant (Energy Star 4.0)</li> <li>PC-99/PC-2001</li> <li>Wired for Management 2.0</li> <li>Quality management: ISO 9001</li> <li>Environmental management: ISO 14001</li> </ul> <p><b>Case dimensions</b></p> <ul style="list-style-type: none"> <li>190 mm x 410 mm x 430 mm (W x H x D)</li> <li>Case color: pale gray (RAL 7035)</li> </ul> <p><b>Weight</b></p> <ul style="list-style-type: none"> <li>Approx. 14 kg</li> </ul> <p><b>Operating system</b></p> <ul style="list-style-type: none"> <li>QNX 6.3</li> </ul> <p><b>BMS version</b></p> <ul style="list-style-type: none"> <li>Neutrino 8.29B/9.03B and above, includes driver installation CD for 8.29B/9.03B</li> </ul>