

# TYAN

## AMD-BASED EMBEDDED PLATFORMS

### AMD Opteron™ 6200 Series Processor



#### S8230

S8230GM4NR / S8230WGM4NR

<b>Processor</b>	• Dual G34 sockets support AMD Opteron™ 6200 series processors (Interlagos)
<b>Chipset</b>	• AMD SR5690 + SP5100
<b>Memory</b>	• (8+8) DDR-III DIMM slots • Support up to 256GB of R-DDR3 1600/1333/1066/800 w/ ECC memory • Support up to 128GB of U-DDR3 1333/1066 w/ ECC memory
<b>Expansion</b>	• (1) PCI-E Gen.2 x16 slot (w/ x16 or x8 link) • (1) PCI-E Gen.2 x8 slot (w/ x0 or x8 link) • (1) PCI-E Gen.2 x8 slot • (1) PCI-E Gen.2 x8 slot (w/ x4 link) • (2) PCI 32/33MHz slots
<b>Storage</b>	• (2) SATA 3Gb/s ports (Promise RAID stack) • (4) SATA 3Gb/s ports by (1) mini-SAS connector (Promise RAID stack) • (8) SAS 3Gb/s ports by (2) mini-SAS connectors (LSI RAID stack)
<b>Network</b>	• (4) GbE (via Intel® 82576EB and 2x Intel® 82574L)
<b>Video</b>	• ASPEED AST2050 Integrated graphics
<b>Management</b>	• ASPEED AST2050 (IPMI v2.0 compliant w/ iKVM)
<b>Form Factor</b>	• EATX (12" x 13", 305mm x 330mm)

### AMD Opteron™ 6200 Series Processor



#### S8236-IL

S8236GM3NR-IL / S8236WGM3NR-IL / S8236WGM3NR-HE-IL

<b>Processor</b>	• Dual G34 sockets support AMD Opteron™ 6200 series processors (Interlagos)
<b>Chipset</b>	• AMD SR5690 + SR5650 + SP5100 (S8236WGM3NR-HE-IL) • AMD SR5690 + SP5100 (S8236GM3NR-IL/S8236WGM3NR-IL)
<b>Memory</b>	• (8+8) DDR-III DIMM slots • Support up to 256GB of R-DDR3 1600/1333/1066/800 w/ ECC memory • Support up to 128GB of U-DDR3 1333/1066 w/ ECC memory
<b>Expansion</b>	• (3) PCI-E Gen.2 x16 slots
<b>Storage</b>	• (2) SATA 3Gb/s ports (Promise RAID stack) • (4) SATA 3Gb/s ports by (1) mini-SAS connector (Promise RAID stack) • (8) SAS 6Gb/s ports by (2) mini-SAS connectors (LSI RAID stack)
<b>Network</b>	• (3) GbE (via Intel® 82576EB and Intel® 82574L)
<b>Video</b>	• ASPEED AST2050 Integrated graphics
<b>Management</b>	• ASPEED AST2050 (IPMI v2.0 compliant w/ iKVM)
<b>Form Factor</b>	• EATX (12" x 13", 305mm x 330mm)

### AMD Opteron™ 4200 Series Processor

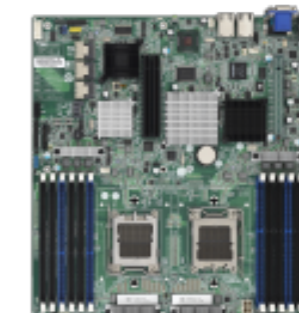


#### S8010

S8010GM2NR / S8010WGM2NR

<b>Processor</b>	• Single C32 sockets support AMD Opteron™ 4200 series processors (Valencia)
<b>Chipset</b>	• AMD SR5670 + SP5100
<b>Memory</b>	• (6) DDR-III DIMM slots • Support up to 48GB of R-DDR3 1600/ 1333/1066/800 w/ ECC memory • Support up to 16GB of U-DDR3 1333/1066 w/ ECC memory
<b>Expansion</b>	• (1) PCI-E Gen.2 x16 slot (x8 link) • (2) PCI-E Gen.2 x8 slot (x8 link) • (1) PCI 32/33MHz slot
<b>Storage</b>	• (6) SATA 3Gb/s connectors (Promise RAID stack) • (8) SAS 6Gb/s connectors (LSI RAID stack)
<b>Network</b>	• (2) GbE (via Intel® Intel® 82574L) • (1) BMC Port (via Broadcom BCM5221)
<b>Video</b>	• ASPEED AST2050 Integrated graphics
<b>Management</b>	• ASPEED AST2050 (IPMI v2.0 compliant w/ iKVM)
<b>Form Factor</b>	• ATX (12" x 9.6", 305mm x 244mm)

### AMD Opteron™ 4200 Series Processor



#### S8226

S8226GM3NR / S8226WGM3NR / S8226WGM3NR-HE

<b>Processor</b>	• Dual C32 sockets support AMD Opteron™ 4200 series processors (Valencia)
<b>Chipset</b>	• AMD SR5690 + SR5650 + SP5100 (S8236WGM3NR-HE-IL) • AMD SR5690 + SP5100 (S8236GM3NR-IL/S8236WGM3NR-IL)
<b>Memory</b>	• (6+6) DDR-III DIMM slots • Support up to 192GB of R-DDR3 1600/1333/1066/800 w/ ECC memory • Support up to 96GB of U-DDR3 1333/1066 w/ ECC memory
<b>Expansion</b>	• (3) PCI-E Gen.2 x16 slots • (2) SATA 3Gb/s ports (Promise RAID stack)
<b>Storage</b>	• (4) SATA 3Gb/s ports by (1) mini-SAS connector (Promise RAID stack) • (8) SAS 6Gb/s ports by (2) mini-SAS connectors (LSI RAID stack)
<b>Network</b>	• (3) GbE (via Intel® 82576EB and Intel® 82574L)
<b>Video</b>	• ASPEED AST2050 Integrated graphics
<b>Management</b>	• ASPEED AST2050 (IPMI v2.0 compliant w/ iKVM)
<b>Form Factor</b>	• EATX (12" x 13", 305mm x 330mm)



Many of TYAN's AMD based platforms are designed for embedded applications which ensure that customers will have strong performance, consistent reliability, and low cost in small form factor. These TYAN products are ideal platforms for customers with critical requirements from telecom, networking, storage, medical imaging, embedded servers, security and surveillance appliances.

#### Target Applications:

- Telecommunications
- Networking
- Security & Surveillance
- Digital Signage and Imaging
- Set Top Box
- Gaming
- Storage
- Medical & Healthcare