



749.00 EUR  
incl. 19% VAT, plus [shipping](#)



Support:  [Specifications](#)

- Single Intel® Atom Denverton processor C3000 Series SoC
- 2x DIMM slots support up to 32GB/64GB UDIMM/RDIMM ECC DDR4 2400/2133, or 1x DIMM slot support up to 16GB/ 32GB UDIMM/ RDIMM ECC DDR4 1866
- 1x PCI-E Gen3 x8 slot (w/ x8 link or x2 link)\*Low-profile supported only
- 1x SFI connector or w/M3227L8-X557-2C (-2T-C958 SKU only)
- 1x M.2 connector (2242/2260), 2x SATA HDDs by SATA-III connectors running at 6.0Gb/s (RAID Non-support)
- 2x GbE (via Realtek RTL8111H) or 2x 10GbE (from M3227L8-X557-2C TYAN Mezz Card) + 2x GbE (via Realtek RTL8111H) (-2T-C958 SKU)
- Mini-ITX 6.69" x 6.69" (170 x 170mm)

#### TYAN S3227 (S32272NR-C858) Specifications

|           |                                    |                                              |
|-----------|------------------------------------|----------------------------------------------|
| Processor | Supported CPU Series               | (1) Intel Atom Denverton processor C3858 SoC |
|           | Thermal Design Power (TDP) wattage | 25W                                          |
| Chipset   | Super I/O                          | NCT6683D-T                                   |

|                       |      |                           |                                                                                                                                                                                         |
|-----------------------|------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory                |      | Supported DIMM Qty        | (2) DIMM slots                                                                                                                                                                          |
|                       |      | DIMM Type / Speed         | UDIMM/RDIMM ECC DDR4 2400                                                                                                                                                               |
|                       |      | Capacity                  | Up to 32GB/64GB                                                                                                                                                                         |
|                       |      | Memory voltage            | UDIMM/RDIMM<br>1.2V                                                                                                                                                                     |
| Expansion Slots       |      | PCI-E                     | (1) PCI-E Gen3 x8 slot /<br>*Low-profile supported only                                                                                                                                 |
|                       |      | Others:                   | (1) SFI connector                                                                                                                                                                       |
| LAN                   |      | Port Q'ty                 | (2) GbE ports                                                                                                                                                                           |
|                       |      | Controller                | Realtek RTL8111H                                                                                                                                                                        |
|                       |      | Connector                 | (2) SATA                                                                                                                                                                                |
| Storage               | SATA | Controller                | Intel Atom Denverton processor<br>C3858 SoC CPU                                                                                                                                         |
|                       |      | Speed                     | 6.0 Gb/s                                                                                                                                                                                |
|                       |      | RAID                      | Non-support                                                                                                                                                                             |
|                       |      | M.2 connector             | (1) M.2 connector (2242/2260) by<br>PCI-E interface                                                                                                                                     |
|                       |      | USB                       | (2) USB3.0 ports (via cable) / (2)<br>USB3.0 ports (at rear)                                                                                                                            |
| Input /Output         |      | COM                       | (1) header                                                                                                                                                                              |
|                       |      | RJ-45                     | (2) GbE ports                                                                                                                                                                           |
|                       |      | Front Panel               | (1) 2 x 5 header                                                                                                                                                                        |
|                       |      | SATA                      | (2) SATA-III connectors                                                                                                                                                                 |
|                       |      | Power                     | SSI/ATX 24-pin + 4-pin power<br>connectors                                                                                                                                              |
|                       |      | Chipset                   | NCT6683D-T                                                                                                                                                                              |
|                       |      | Fan                       | Total (3) 4-pin headers                                                                                                                                                                 |
| System Monitoring     |      | Temperature               | Monitors temperature for CPU &<br>system environment / Monitors<br>temperature for CPU & memory<br>& system environment                                                                 |
|                       |      | Voltage                   | Monitors voltage for CPU,<br>memory, chipset & power supply                                                                                                                             |
|                       |      | LED                       | Fan fail LED indicator / Over<br>temperature warning indicator                                                                                                                          |
|                       |      | Others                    | Watchdog timer support                                                                                                                                                                  |
|                       |      | Brand / ROM size          | AMI / 16MB                                                                                                                                                                              |
| BIOS                  |      | Feature                   | ACPI 3.0/ACPI sleeping states<br>S4,S5 / SMBIOS 2.8/PnP/Wake<br>on LAN / Boot from USB<br>device/PXE via LAN/Storage /<br>User Configurable FAN PWM<br>Duty Cycle / Console Redirection |
|                       |      |                           | mini-ITX                                                                                                                                                                                |
|                       |      |                           | 6.69" x 6.69" (170 x 170mm)                                                                                                                                                             |
| Physical Dimension    |      | Form Factor               |                                                                                                                                                                                         |
| Regulation            |      | Board Dimension           | Class B                                                                                                                                                                                 |
|                       |      | FCC (DoC)                 | Class A                                                                                                                                                                                 |
| Operating Environment |      | CE (DoC)                  | 10° C ~ 35° C (50° F~ 95° F)                                                                                                                                                            |
|                       |      | Operating Temp.           | - 40° C ~ 70° C (-40° F ~ 158° F)                                                                                                                                                       |
|                       |      | Non-operating Temp.       | 90%, non-condensing at 35° C                                                                                                                                                            |
| RoHS                  |      | In/Non-operating Humidity | Yes                                                                                                                                                                                     |
|                       |      | RoHS 6/6 Compliant        |                                                                                                                                                                                         |
| Operating System      |      | OS supported list         | Please refer to our AVL support<br>lists.                                                                                                                                               |

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Package Contains

|                 |                              |
|-----------------|------------------------------|
| Motherboard     | (1) S3227 Motherboard        |
| Manual          | (1) Quick Installation Guide |
| Installation CD | (1) TYAN installation CD     |