



439.00 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   |
| Expansion Slots       | Memory voltage            | UDIMM/RDIMM<br>1.2V   |
|                       | 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  |
| Storage               | Connector                 | (2) 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  |
| System Monitoring     | Fan                       | Total (3) 4-pin headers<br>Monitors temperature for CPU &<br>system environment / Monitors<br>temperature for CPU & memory<br>& system environment                                      |
|                       | Temperature               | Monitors voltage for CPU,<br>memory, chipset & power supply   |
|                       | Voltage                   | Fan fail LED indicator / Over<br>temperature warning indicator  |
|                       | LED                       | Watchdog timer support  |
|                       | Others                    | AMI / 16MB  |
|                       | Brand / ROM size          | 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 |
| BIOS                  | Feature                   | mini-ITX  |
|                       | Form Factor               | 6.69" x 6.69" (170 x 170mm)   |
| Physical Dimension    | Board Dimension           | Class B   |
|                       | FCC (DoC)                 | Class A   |
| Regulation            | CE (DoC)                  | 10° C ~ 35° C (50° F~ 95° F)  |
|                       | Operating Temp.           | - 40° C ~ 70° C (-40° F ~ 158° F)   |
| Operating Environment | Non-operating Temp.       | 90%, non-condensing at 35° C  |
|                       | In/Non-operating Humidity | Yes   |
| RoHS                  | RoHS 6/6 Compliant        | Please refer to our AVL support<br>lists.   |
| Operating System      | OS supported list         |   |

Package Contains

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