

Features

- Built-in Intel® Atom™ N270 Processor
- Fanless Design
- Supports VGA/DVI
- Supports 2.5" SATA Hard Disk Drive And CompactFlash™
- Supports 802.11 b/g WiFi (Optional)
- COM x 4, USB x 4, 8 Digital I/O (Optional)
- +9V~30V DC Wide Voltage Input
- Desktop Or Wallmount (Optional)



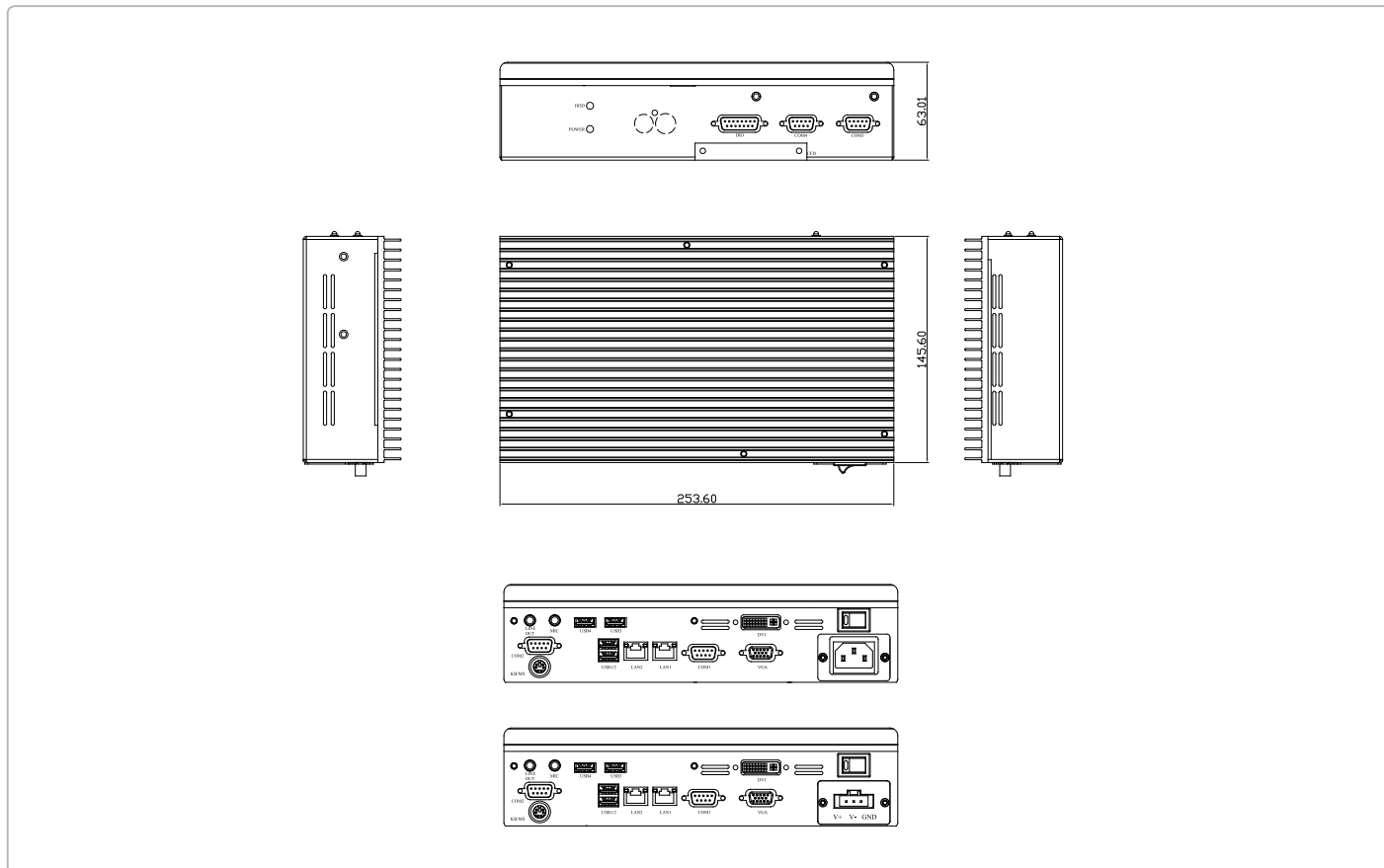
Specifications

| | | |
|-----------------------|--|---|
| CPU | Onboard Intel® Atom™ N270 Processors Up To 1.6 GHz | |
| Chipset | Intel® 945GSE + ICH7M | |
| System Memory | 200 pin DDR2 SODIMM x 1, Max. 2 GB (DDR2 400/533) | |
| Display Interface | VGA | D-SUB 15 x 1 |
| | DVI | DVI-I x 1 |
| | Others | — |
| Storage Device | SSD | Type 2 CompactFlash™ Slot x 1 |
| | HDD | 2.5" SATA 1.5Gb/s Hard Disk Drive Bay x 1 |
| Network | LAN | 10/100/1000Base-TX Ethernet |
| | Wireless | 802.11b/g WiFi (Optional) |
| Front I/O | USB Host | — |
| | LAN | — |
| | Serial Port | 9-pin D-Sub x 2 |
| | DIO | 8-bit Programmable x 1 (Optional) |
| | Audio | — |
| | KB/MS | — |
| | Others | — |
| Rear I/O | USB Host | USB Type A x 4 |
| | LAN | RJ-45 x 2 |
| | Serial Port | 9-pin D-Sub x 2 |
| | DIO | — |
| | Audio | Line-out, Mic |
| | KB/MS | PS/2 x 1 |
| Expansion | Others | — |
| | PCIe | — |
| | PCI | — |
| | Mini Card | — |
| | Mini PCI | Mini-PCI x 1 (Internal) |
| Indicator | Front | Power LED x 1, HDD LED x 1 |
| | Rear | — |
| Power Requirement | For DC Type: +9V ~ +30V Input For AC Type: 100V ~ 240V Input | |
| Power Consumption | Intel® Atom™ N270, DDR2 667 2 GB 2.89A@+5V | |
| System Cooling | Fanless | |
| Mounting | Desktop or Wallmount (optional) | |
| Operating temperature | 32°F ~ 104°F (0°C ~ 40°C) | |
| Storage Temperature | -40°F ~ 176°F (-40°C ~ 80°C) | |
| Anti-Vibration | 0.5g rms/ 5 ~ 502Hz/ random operation (Internal Hard Disk Drive active Module) | |
| Anti-Shock | 10g peak acceleration (11 msec. duration) (Hard Disk Drive Module) | |
| MTBF (Hours) | 70,000 | |
| Certification | EMC | CE/FCC Class A |
| | Safety | — |
| Dimension (W x H x D) | 10" x 5.75" x 2.48" (254mm x 146mm x 63mm) | |
| Gross Weight | Heavy duty steel (2.42 kg/ 5.33 lb) | |

TKS-G20-9455

Dimension

Unit: mm



Optional Accessories

- **9761G50000**
Wallmount Kit
- **9741850R00**
802.11b/g Wireless LAN Kit
- **1701150201**
Digital I/O Cable
- **1757908401**
84 Watts Power Adapter

Ordering Information

| Part Number | CPU | RAM | Cooler | Storage | Display | LAN | USB | RS-232 | RS-232/422/485 | KB/MS | Audio | DIO | Expansion Slot | Mounting | Power | Temp. |
|------------------------|-------------------|--------|---------|-----------------------------|-----------|---------|-----|--------|----------------|-------|------------------|----------------------|----------------|-----------|------------------|------------|
| TF-TKS-G20-9455-001-DT | Intel® Atom™ N270 | SODIMM | Fanless | SATA x 1, CompactFlash™ x 1 | CRT + DVI | GbE x 2 | 4 | 3 | 1 | Yes | Line-out, Mic-in | 8-Bit (Programmable) | 1 x Mini PCI | Wallmount | +9~30V, DC/AT | 0°C ~ 40°C |
| TF-TKS-G20-9455-001-DX | Intel® Atom™ N270 | SODIMM | Fanless | SATA x 1, CompactFlash™ x 1 | CRT + DVI | GbE x 2 | 4 | 3 | 1 | Yes | Line-out, Mic-in | 8-Bit (Programmable) | 1 x Mini PCI | Wallmount | +9~30V, DC/ATX | 0°C ~ 40°C |
| TF-TKS-G20-9455-001-AT | Intel® Atom™ N270 | SODIMM | Fanless | SATA x 1, CompactFlash™ x 1 | CRT + DVI | GbE x 2 | 4 | 3 | 1 | Yes | Line-out, Mic-in | 8-Bit (Programmable) | 1 x Mini PCI | Wallmount | +100~240V, AC/AT | 0°C ~ 40°C |