

IK70

Intel® Core™ i7/i5/i3 Mini-ITX Embedded Board



KEY FEATURES

- Socket LGA1151 for Intel® Core™ i7/ i5/ i3 Processor
- Mini ITX Form Factor (170 x 170 mm)
- DDR4 2400MHz SO-DIMM support up to 16 GB
- 12V Single Voltage Power Input
- Multi display supports DP / HDMI (Optional) / LVDS / eDP panel interface
- Optional PCIE 3.0 x 16 slot

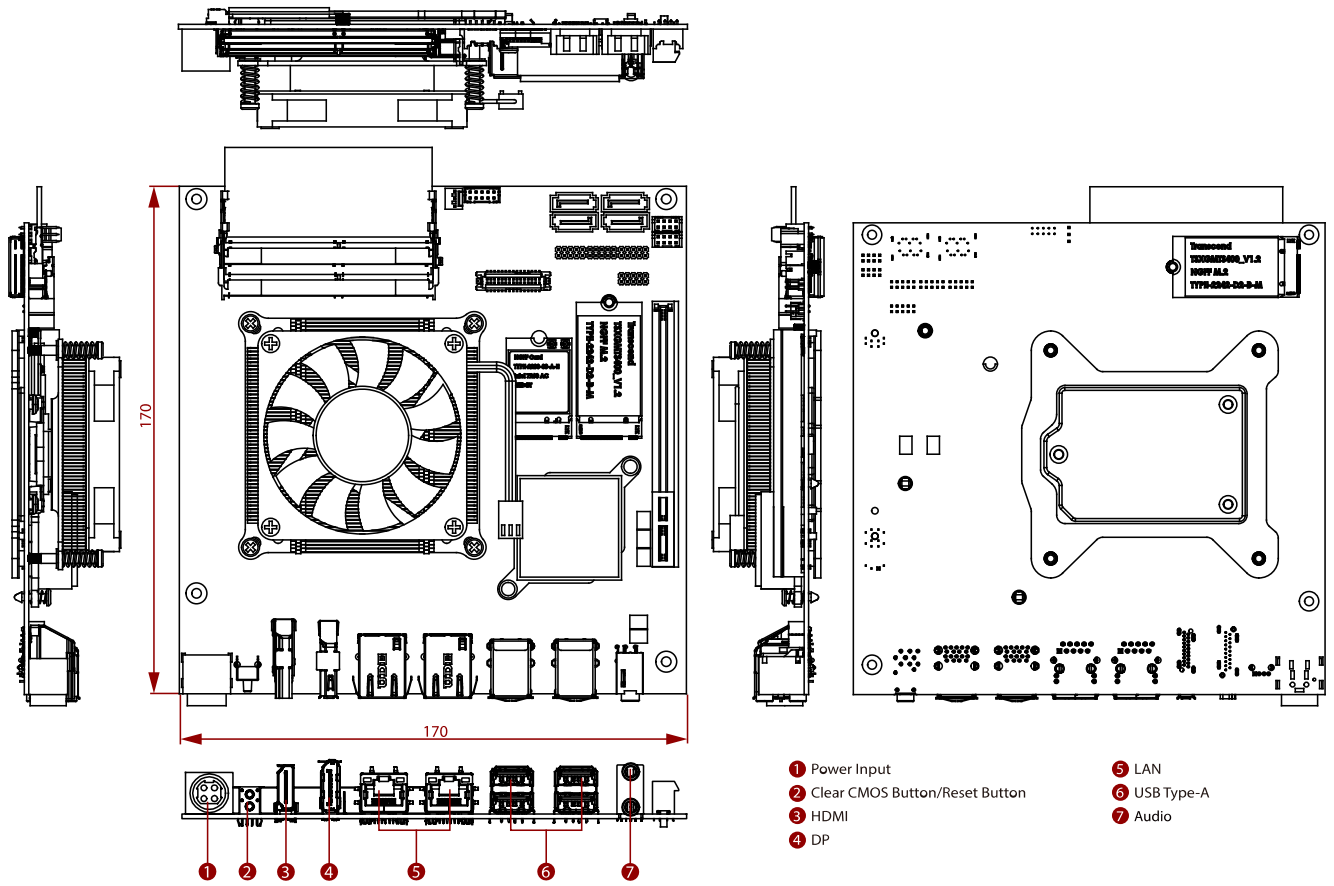


SPECIFICATIONS

System Specification			
Processor	Intel® Core™ i7-7700T (8M Cache, 2.9 GHz up to 3.80 GHz) Intel® Core™ i5-7500T (6M Cache, 2.7GHz up to 3.30 GHz) Intel® Core™ i3-7100T (4M Cache, 3.34 GHz)	Chipset	Intel® H170
Memory	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 2 x SO-DIMM, up to 32GB (Optional)	Storage	1 x M.2 2242 B-key SSD 64GB. M.2 2242 B-key SSD Up to 512GB. (Optional) 1 x 2.5" SSD / HDD (Optional) 2 x SATA III support RAID 0,1 (Optional)
Ethernet controller	Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM	Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional) Linux Ubuntu 20.04 (Optional)		
IO Ports			
Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB3.0 (Type-A)
Video	1 x DP1.2 1 x HDMI 1.4 (Optional)	Audio	1 x Mic in 1 x Line out
Expansion Port	1 x M.2 2242 Key B slot for SSD 1 x M.2 2230 Key E slot for WiFi (Optional)	LAN	2 x Giga LAN RJ45 Connector

DIMENSIONS UNIT:MM

Winmate Embedded Board IK70



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.