

DMTX-ADN1-N9700

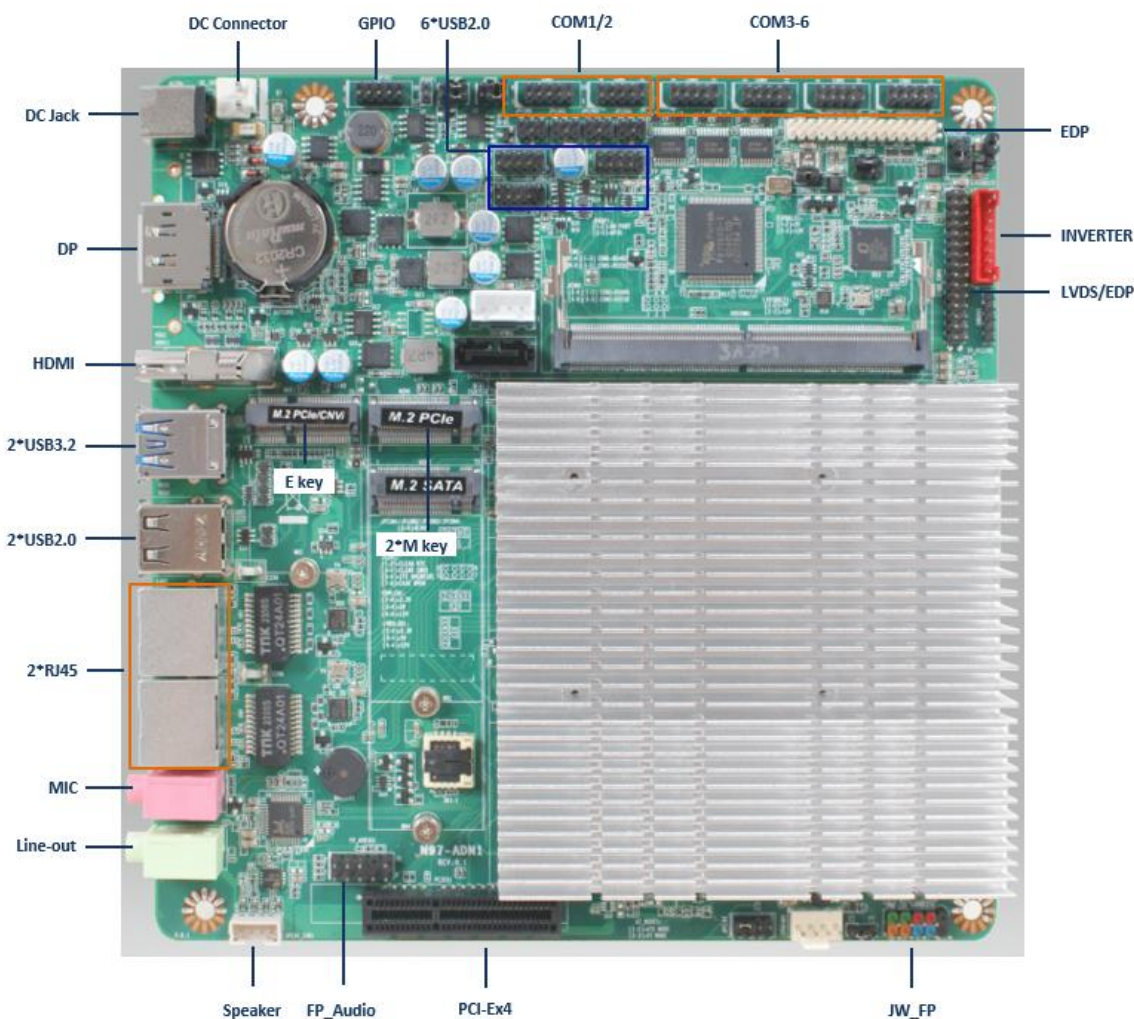
Mini-ITX with Intel® Alder Lake N-series Processor , DDR5 up to 32GB, support 3 display

Features

1. Onboard Intel® Processor N-series Processors (formerly Alder Lake-N) Intel® Processor N97 *For additional compatible CPUs, please contact regional sales
2. 1* DDR5 4800MHz SO-DIMM up to 32GB
3. 1*DP, 1*HDMI, 1*EDP, 1*LVDS/EDP
4. 2*GbE LAN
5. 6* COM, 2* USB3.2 (Gen.1), 8*USB2.0
6. 1*M.2 M-key, 2280/2242 (NVMe, PCI-Ex2 Interface)
7. 1*M.2 M-key, 2242(SATA interface, Co-lay SATA Socket)
1* M.2 E-key, 2230(PCI-Ex1/USB2.0 ,CNVi Interface)
8. 1*PCI-Ex4(Gen.3, PCI-Ex1 Interface) slot
9. Onboard TPM20(Optional)
10. 12-19V DC in



I/O Diagram



Specifications

Model	• DMTX-ADN1-N9700 / DMTX-ADN1-N9702(TMP2.0)
Form Factor	• 170 * 170mm
Processor System	• Onboard Intel® Processor N-series Processors (formerly Alder Lake-N) Intel® Processor N97 • AMI Flash ROM BIOS
Chipset	• SoC
Memory	• 1* DDR5 4800MHz SO-DIMM up to 32GB
Storage	• 1* SATAIII(Co-lay M key 2242, Default) • 1* M.2 M-key (2242/2280 PCI-Ex2 Gen.3 interface) • 1* M.2 M-key (2242 SATA interface, Option for Factory)
Expansion	• 1* M.2 E-key (2230, PCI-Ex1+USB2.0 /CNVi interface) • 1* PCI-Ex4(Gen.3, PCI-Ex1 Interface) slot
Ethernet	• 2* REALTEK® RTL8111H 10/100/1000Mbps
Graphics	• Intel® HD Graphics, shared memory • 1* EXT HDMI2.0 (Max Resolution: 4096x2160@60Hz) • 1* EXT DP1.2 (Max Resolution: 4096x2160@60Hz, Co-lay CRT, Default) • 1* EXT CRT(Max Resolution: 2560*1600@60Hz, Co-lay DP, Option for Factory) • 1* LVDS/EDP (Max Resolution: 1920*1080@60Hz) • 1* EDP (Max Resolution: 1920*1080@60Hz) Support Triple Displays
Audio	• HD audio: Realtek ALC897
Watchdog Timer	• From Super I/O to drag RESETCON# • 256 segments (10sec ~ 255min)
Internal I/O	• 6* USB2.0 (PH2.0, USB Enable/Disable Controlled by GPIO command) • 6* COM (COM1/2: RS232/485, COM3/4/5/6: RS232, COM1/2/3/4 Support 5/12V TTL) • 8bit GPIO (5V) • 1* LVDS/EDP + Inverter • 1* EDP • 1* SATAIII(Default) + 1*SATA Power connector • 1* 2pin Power connector (PH3.96) • 1* Chassis intrusion • 1* FP_Audio • 1* SMBUS + 1*AT model • 1* CPU FAN Header(Smart FAN)
External I/O	• 2* USB3.2(Gen.1, USB Enable/Disable Controlled by GPIO command) • 2* USB2.0 (USB Enable/Disable Controlled by GPIO command) • 1* HDMI2.0 • 1* DP1.2(Default) • 1* CRT(Co-lay DP, Option for Factory) • 2* RJ45 • 1* Line-out + 1* MIC • 1* DC Jack(12-19V DC in)
Power	12-19V DC in, AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Compliance	CE, FCC, LVD, RoHS, REACH (Option)
Temperature	• Operating Temperature: 0 ~ 60° C • Storage Temperature: -20 ~ 70° C • Humidity: 10% ~ 90% RH @40°C (non-condensing)
OS Support	Windows 10/11, Linux
Warranty	• 2 Years limited warranty

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Standard Accessories

Part Number	Description
DMTX-ADN1 Series	DMTX-ADN1 Series M/B
F04-MB-075-1F *1	LI1S DC+VGA/COM+HDMI+4USB+2LAN+2JK
G01-SATA3-BL-1F*1	CABLE for SATA3 50cm Blue w/LOCK
G01-COM-H2M22-1F *2	COM9 2*5P 1/2 K=9 L=220mm PH2.0