



Product Datasheet

Part Code: ANPR-MPU-240-16GB-T

ANPR Main Processor / Server

Key Features

- TurboBoost Max Technology 3.0
- Hyper-Threading Technology
- Thermal Velocity Boost Technology
- Supports dual display configuration by multiple interface: HDMI/DP
- Supports I2C, SMBus and DIO
- Wide temperature range endurance
- Low voltage 12~24V operation
- SSD Storage
- Ultra-High Performance 17,327 CPU benchmark spec.
- Industrial-grade cooling system



Specifications

CPU	Intel® Core™ i7-10700 @ 2.9 GHz (4.8 GHz Turbo mode)
Chipset	Integrated Z490
Memory	16GB DDR4 - 2933 @ 45.8 GB/s
Expansion slots	1 x M.2 Socket 1 with E key, type 2230 for WIFI option 1 x M.2 Socket 3 with M key, type 2242 (PCIe x2 mode & SATA mode) 1 x Full-Length Mini PCIe slot with an on-board Nano-SIM socket
Storage	1 x SATA 240GB + M.2 SSD 1 x mSATA slot (shared with Mini PCIe) 1 x Micro SD Card slot (on-board)
Display	Multi-VGA output support :DP/HDMI ports
USB	4 x USB3.1 Gen2 Type-A ports 4 x USB2.0 connectors (optional)
Internet	1x RJ-45
Audio	Realtek ALC887-VD2 High Definition Audio CODEC
Internal I/O	1 x Chassis fan header 1 x Clear CMOS jumper 1 x LPC Debug header 1 x SMBus header 1 x I2C header
BIOS	128 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI 2.0, WfM 2.0, SM BIOS 3.0, ACPI 6.0, Multi-language BIOS, ASUS EZ Flash 3, Last Modified Log, ErP
Operating system option	IoT Enterprise or Windows 10 Pro Standard