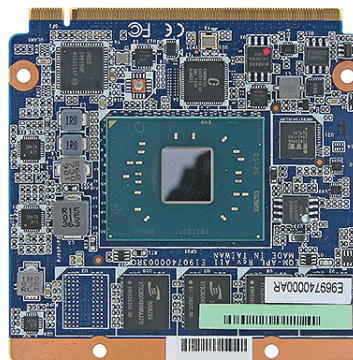


* This is an OEM Only Product

Features

- Onboard Intel® Pentium®/Celeron® SoC BGA processor
- Onboard DDR3L 1600/1333MHz 4GB, up to 8GB
- 2 x SATA III, 6 x USB 2.0, 2 x USB 3.0, 3 x PCIe 2.0
- Dual Channel 18/24-bit LVDS + HDMI
- Supports eMMC 5.0, SD card (SDIO 3.0)
- Qseven Form Factor Rev. 2.1 Compliant
- Standard Temperature: 0°C ~ +70°C



Specifications

System

CPU	Intel® Pentium® N4200 Quad Core 1.1 GHz Processor Intel® Celeron® N3350 Dual Core 1.1 GHz Processor Intel® Celeron® J3455 Quad Core 1.5 GHz Processor
Platform Controller Hub	Intel® Apollo Lake SoC Integrated
System Memory	Onboard DDR3L 1600/1333 4GB, up to 8GB
BIOS	AMI 128Mbit SPI BIOS
Expansion	3 x PCIe x1
Storage	eMMC 5.0 onboard flash up to 64GB (optional)
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring system temperature, voltage. Auto throttling control when CPU temperature monitoring V-Core Voltages monitoring 5V Voltage monitoring
OS Support	Win 10, Linux, Android

Rear I/O

USB	6 x USB 2.0 2 x USB 3.0
SATA	2 x SATA III
UART	1 x UART
Other	1 x LPC 1 x SMBus 1 x I2C 1 x SPI

Display

Chipset	Apollo lake SoC integrated Graphics
Resolution	HDMI: Max. resolution 3840x2160 @ 30Hz or DP: Max. resolution 4096x2160 @ 60Hz LVDS: Max. resolution 1920x1200 @ 60Hz or eDP: Max. resolution 4096x2160 @ 60Hz
Multiple Display	HDMI + DDI
LCD Interface	CH7511B(eDP to LVDS)

Audio

HD Codec	Intel® Apollo lake SoC integrated
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Ethernet

Chipset	1 x Intel® I211AT (N4200/N3350)
Interface	10/100/1000 Base-Tx GbE compatible

Mechanical & Environment

Power Requirement	+5V
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
Power Mode	AT
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Form Factor	QSeven Module
Dimensions (L) x (W)	2.75" x 2.75" (70mm x 70mm)

Ordering Info

EQM-APL-N4200	Q7 Intel® Pentium N4200 1.1GHz Quad Core, 4GB DDR3 Onboard
EQM-APL-N3350	Q7 Intel® Celeron N3350 1.1GHz Dual Core, 4GB DDR3 Onboard
REV-Q703	Mini-ITX Q7 Rev 2.1 Carrier Board, DP, HDMI, LVDS, 2 SATA, 1 COM, 1 LAN, 1 USB 3.0, 6 USB 2.0, SD Socket, 12V DC
ACC-EQM-APLN-SK-1R	Q7 Heatsink for EQM-APL, without Fan, H=24mm

* All product specifications and images are subject to change without notice.
Last update: 05/12/2022