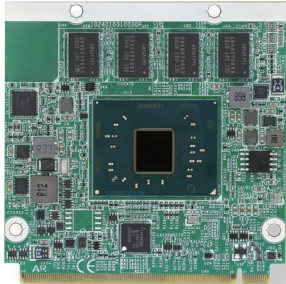


# EmQ-i2401



## Intel® Pentium N4200/Celeron N3350 Processor Qseven R2.0 CPU Module

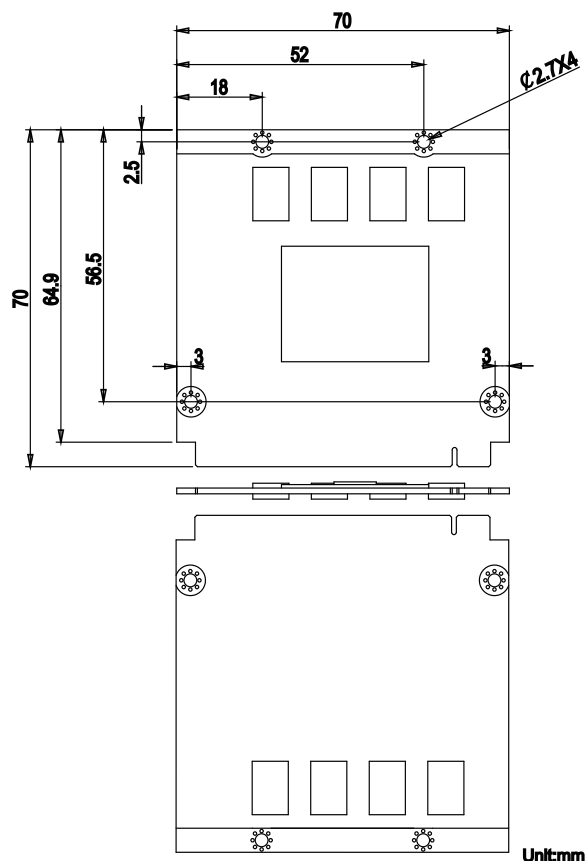


### Features

- Soldered onboard Intel Apollolake SoC Processor
- Intergrated Gigabit Ethernet
- Dual Channel 24-bit LVDS and 1 x DDI port

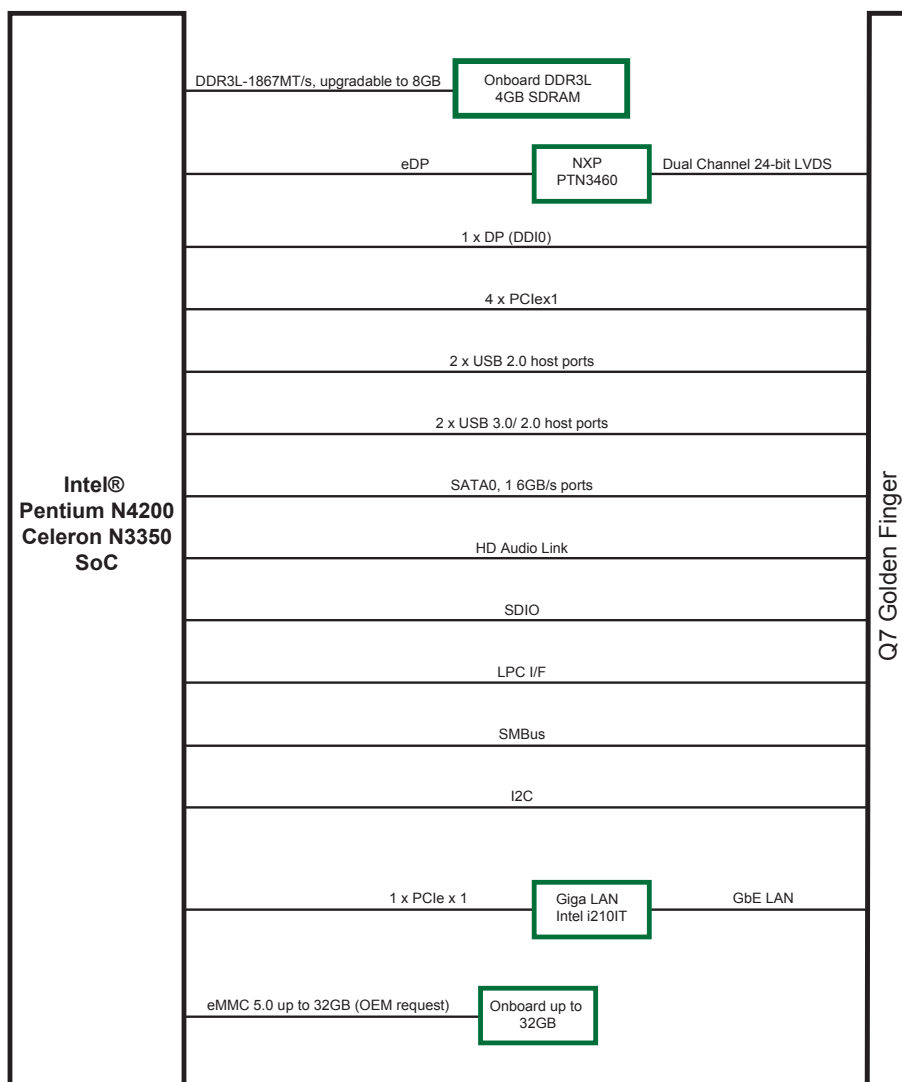
System	
CPU	Soldered onboard Intel Celeron® N3350 2.4GHz processor/ Intel Pentium® N4200 2.5GHz processor
Memory	Soldered onboard 4GB DDR3L SDRAM, upgratable to 8GB
BIOS	AMI UEFI BIOS
I/O	
USB Port	4 x USB 2.0 ports 2 x USB 3.0 SuperSpeed ports
Expansion Bus	4 x PCIe1 lanes, I2C Interface, SDIO
Storage	2 x Serial ATA ports Soldered onboard eMMC 5.0 up to 32GB (OEM Request)
Ethernet Chipset	1 x Intel® i210IT PCIe GbE controller
Audio	HD link
Display	
Graphic Chipset	Intergrated in Intel® Gen9 graphic
Graphic Interface	Dual Channel 24-bit LVDS, with resolution up to 1920x1200 1 x DDI port
OS support	
Windows 10 64-bit	
Linux: Ubuntu	

Mechanical & Environmental	
Power Requirement	DC 5V, 5VSB
Power Consumption	2A@5V with N4200 (Typical with PBQ-900L)
Operating Temp.	-20 ~ 85°C (-4 ~ 185°F) -20 ~ 70°C for EmQ-i2401D series
Operating Humidity	10 ~ 95% @ 85°C (non-condensing)
Dimensions (L x W)	70 x 70 mm (2.76" x 2.76")
Dimensions	





## Block Diagram



## Ordering Information

EmQ-i2401-N4200	Intel® Pentium® N4200 Qseven R2.0 CPU module w/ 8G memory soldered on module, -20~85°C
EmQ-i2401-N3350	Intel® Celeron® N3350 Qseven R2.0 CPU module w/ 8G memory soldered on module, -20~85°C
EmQ-i2401D-N4200	Intel® Pentium® N4200 Qseven R2.0 CPU module w/ 8G memory soldered on module, w/ 32GB eMMC, -20~70°C(OEM Request)
EmQ-i2401D-N3350	Intel® Celeron® N3350 Qseven R2.0 CPU module w/ 8G memory soldered on module, w/ 32GB eMMC, -20~70°C(OEM Request)

## Optional Accessories

PBQ-900L	Qseven R2.0 w/ EPIC form factor carrier board
HS-2401-F1	Heat Spreader, W/PAD, 70*65*8mm
CBK-06-900L-00	Cable kit: 2 x COM cables 1 x USB cable 1 x SATA cable 1 x SATA Power cable 1 x Audio cable