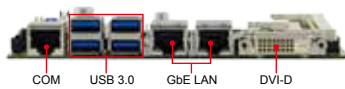
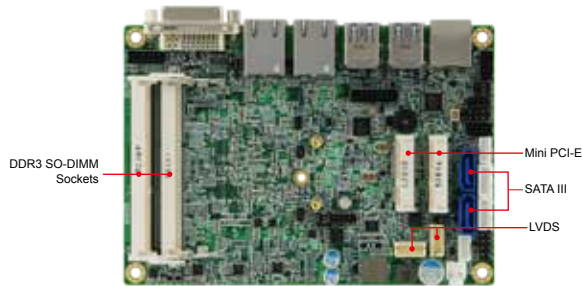


IB899

Intel® Pentium® / Celeron® SoC 3.5-inch Disk Size SBC



Features

- Onboard Intel® Pentium® QC N3700, up to 2.4GHz or Celeron® DC N3000, up to 2.08GHz
- 2x DDR3L SO-DIMM socket Max. 8GB
- Supports VGA, DVI-D and 24-bit dual channel LVDS
- 2x Intel® I211-AT PCI-E Gigabit LAN
- Watchdog timer, Digital I/O, mSATA, iSMART 3.1
- 4x USB 3.0, 2x USB 2.0, 2x COM, 2x SATA III,
- 2x Mini PCI-E slots (1x Full-size, 1x Half size), 1x Micro SD slot



System

CPU	Intel® Pentium® N3700, up to 2.4GHz or Celeron® N3000, up to 2.08GHz
System Memory	2x DDR3 SO-DIMM socket Max. 8GB
System Chipset	N/A
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	1x mSATA, 1x Micro SD
H/W Monitor	Yes
Expansion Slots	2x Mini PCI-E (1x full-sized, 1x half-sized)

Graphics

VGA Controller	Intel® Pentium® SoC integrated Gen8 graphics
VGA Memory	Shared memory
Display Interface	Supports DVI-D, CRT 24-bit dual channel LVDS

LAN

Controller	2x Intel® I211-AT PCI-E Gigabit LAN
Connector	2x RJ-45 on board

Multi I/O

I/O Chipset	Nuvoton NCT5523D 1x RS-232/422/485(Jumperless selection) 1x RS232
USB	4 ports USB 3.0 on board 2 ports USB 2.0 via pin header
Audio	Intel® Pentium® SoC built-in HD audio controller + Realtek ALC662 codec
Others	Digital I/O, +12V~ +24V DC-in., iSMART3.1

Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	TBD
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

Ordering Information

IB899F-370	Intel® Pentium® N3700(2.4GHz) on board, 3.5-inch Disk-sized SBC, w/ dual PCI-E GbE LAN, CRT, DVI-D & LVDS (24-bit LVDS dual channel), mSATA, iSMART,
IB899F-300	Intel® Celeron® N3000(2.08GHz) on board, 3.5-inch Disk-sized SBC, w/ dual PCI-E GbE LAN, CRT, DVI-D& LVDS (24-bit LVDS dual channel), mSATA, iSMART