

# IQ-BA Thin Client

High Performance Thin Computing



**4K**  
DISPLAY  
Support



The Itona IQ-BA series is a flexible and high performance thin client designed to deliver excellent multimedia and graphics capabilities. The Itona IQB-A series combines superior build quality with advanced features, including 4K dual displays, six USB ports and a powerful Intel® Apollo Lake Celeron™ N3450 Quad core System-on-a Chip (SoC), with a DDR3 memory controller.

An environmentally-friendly device, the Itona IQB-A series efficient external power supply combined with a fan-less design ensures a low power consumption and virtually silent operation.

Itona IQB-A Series includes an impressive three-year warranty backed by a comprehensive worldwide support network. It also comes with Fusion Universal Device Manager (UDM) Professional software as a standard.

The Itona IQ-BA series represents an unbeatable combination of affordability, quality, performance and service.

## Key Features

- Gio6 Linux
- Intel® Apollo Lake Celeron™ N3450 Quad core SoC for a rich multimedia and graphics experience
- Built-in Intel HD Graphics
- Total 6 USB ports including two superfast USB 3.0 port
- Built-in Gigabit Ethernet networking with full duplex capability
- Dual digital display output (DP and HDMI) with 4K resolution support.
- Built-in Internal Speaker
- VESA mounting pack available as an option
- Fusion Universal Device Manager Professional included
- ENERGY STAR® certified



## Technical specification

### Operating System

- Gio6 Linux

### Processor

- Intel® Apollo Lake Celeron™ N3450 upto 2.2 GHz Quad Core SoC
- 2MB shared L2 Cache
- Built-in Intel HD Graphics Processor upto 700MHz

### System Memory

- RAM : 2 GB  
(Support upto 8 GB DDR3)
- Flash: 32 GB

### Display Support

- Dual digital display outputs with automatic setting of resolution and refresh rate

### Display Resolution (Max):

- DP: 4096 x 2160 @60Hz ( 4K resolutions )
- HDMI: 3840 x 2160 @30Hz ( 4K resolutions )

### Rear Panel

- 1 x DC in connector
- 1 x Gigabit RJ45 Port
- 1 x DP Port
- 1 x HDMI
- 2 x USB 2.0
- 2 x USB 3.0
- 1 x 3 Channel Audio Port (Line Out/Line In/Mic In)

### Front Panel

- Power Button
- Flash LED
- 2 x USB 2.0
- Mic
- Headphone

### Safeguard USB Device

- Upto 2 x USB 2.0 (In Secure USB Compartment)

### Optional (Factory Fit)

- 1 x Serial Port
- 2nd Serial Port or 1 x Parallel Port or 2 x USB 3.0 Ports

### External Power Adapter

- Worldwide auto-sensing 100-240 V AC
- DC output 19V , 3.42A

### Power Consumption

- Idle state (long): 3.9 W
- Off state: 0.15 W (without WOL)
- Sleep state: 0.66 W

### Networking

- Auto-sensing 10/100/1000 Mbps Gigabit LAN
- Wake On LAN

### Operating Environment

- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 60°C
- Humidity: 20% to 80% maximum, non-condensing

### Optional Accessories

- HDMI to DVI-D Converter cable
- Internal Wireless LAN ( b/g/n or a/b/g/n/ac )
- VESA Dock (100x100 or 75x75 mounting holes)

### Physical Characteristics

#### Dimension (HxDxW):

- Without stand: 201x222x56 mm
- Weight : 1.3 kg (with stand)

### Regulatory Compliance

#### Safety and EMC:

- CE, FCC

#### Energy and Environment:

- ENERGY STAR® , WEEE, RoHS

### Warranty

- Three years limited warranty

### Software Support

- Citrix Receiver
- VMware Horizon Client
- RDP
- XfreeRDP
- Firefox (ESR)
- X11/XDMCP
- REXEC
- Spice
- VNC
- SSH
- Text Editor
- Data Card
- File Manager
- Google-Chrome

### Server OS Compatibility/Support

- Microsoft Windows Terminal Server Edition, Windows Server 2003/2008/2012
- Citrix XenApp / Citrix Presentation Server/ Citrix XenDesktop
- Protocol Support: TCP/IP, DHCP, FTP, HTTP, HTTPS

### Setup and Configuration

- Boot from local flash
- Gio6 User interface language: US English
- Keyboard Language support: English, Spanish, French and German
- Scanners & Camera support
- Smartcard support
- ELO Touch screen support
- USB input devices support

### Remote Management Tools

- Fusion Universal Device Manager (UDM) Professional
- Remote shadowing
- Reporting