

# IQ-B64 Thin Client

Mid Range Thin Computing



Front View

Rear Panel

The Itona IQ-B series is a flexible and expandable, mid-range thin client designed to deliver excellent multimedia and graphics capabilities. The Itona IQ-B series combines superior build quality with advanced features, including dual displays, seven USB ports and a powerful Intel Bay Trail platform based on Intel quad-core Celeron J1900 System-on-a Chip (SoC), with a DDR3 memory controller.

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

Incorporating an impressive three-year warranty backed by a comprehensive worldwide support network, the IQ-B series also supports Fusion Universal Device Manager (UDM) Professional software, which comes as standard.

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

## Key Features

- Gio6 Linux 32 bit
- Intel® Bay Trail-D Celeron™ J1900, Quad core SoC for a rich multimedia and graphics experience
- Built-in Intel HD Graphics
- RAM: DDR3 1333 MHz SO-DIMM slot
- Total 7 USB ports including one superfast USB 3.0 port
- Built-in Gigabit Ethernet networking with full duplex capability
- Dual display support with a maximum resolution of 1920 x 1200 @ 32 bpp
- Internal Speaker
- VESA mounting pack available as a charged option
- Fusion Universal Device Manager Professional included
- Energy Star



## Technical specification

### Operating System

- Gio6 Linux 32 bit

### Processor

- Intel Bay Trail-D Celeron J1900 Quad Core 2.0 GHz SoC with Turbo Boost up to 2.41GHz
- 2MB shared L2 Cache
- Built-in Intel HD Graphics Processor

### System Memory

- RAM : 2 GB DDR3 1333 MHz SO-DIMM. upgradable upto 8 GB (with single SODIMM Slot)
- Flash: 8 GB /16 GB  
(Flash with higher capacities are available)

### Display Support

- Display Data Control (DDC) for automatic setting of resolution and refresh rate
- Display Resolution (Max):  
VGA: 1920 x 1200 , 60 Hz 16/32 bit colour  
HDMI: 1920 x 1200 , 60 Hz 16/32 bit colour  
DVI-D: 1920 x 1200 , 60 Hz 16/32 bit colour  
(Through HDMI to DVI-D converter cable, sold separately)

### Rear Panel

- 1 x DC in connector
- 1 x Gigabit RJ45 Port
- 1 x VGA Port
- 1 x HDMI
- 4 x USB 2.0
- 1 x USB 3.0
- 1 x Serial Port
- 1 x 3 Channel Audio Port (Line Out/Line In/Mic In)
- 1 X PS/2 Keyboard Port
- 1 X PS/2 mouse Port

### Front Panel

- Power Button
- HDD LED
- 2 x USB 2.0
- 1x USB 2.0 (Secure Compartment)
- Mic
- Headphone

### External Power Adapter

- Worldwide auto-sensing 100-240 V AC
- DC output 65W, 19V

### Power Consumption

- Idle state (long): 7.65W
- Off state: 0.26 W (without WOL)

- Sleep state: 1.21W

### 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)
- 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, cTUVus, TUV-GS, RCM , VCCI, SABS, BIS

### Energy and Environment:

- EPEAT Sliver, Energy Star 6.1, 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

### Part Numbers

- IQB64 - F9R7 ----- 8GB Flash / 2GB RAM
- IQB64 - F10R7 ----- 16GB Flash / 2GB RAM

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