



# Itona IQ-B49

## High Performance Desktop Thin Client



### Itona IQ-B49

#### Key Features

- Windows Embedded 8 Standard (WE8S) 64 Bit
- Intel® Baytrail-D Celeron™ J1900, Quad core SoC for a rich multimedia and graphics experience
- Built-in Intel HD Graphics
- RAM: DDR3 1333 MHz through 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

#### The Ideal Desktop Client

Seen and not heard – that’s Itona. That’s because its fan-less design ensures virtually silent operation and its compact design and footprint makes it the ideal desktop solution.

#### Green Credentials

The Itona IQ-B49 series is energy efficient, Energy Star compliant.

The Itona IQ-B49 series is a flexible and expandable high performance thin client designed to deliver excellent multimedia capabilities. It represents a significant advance in the provision of low cost server based computing. Itona IQ-B49 series has superior build quality and advanced features including dual displays, 7 USB ports, powerful Intel Bay Trail platform based on Intel Quad core Celeron J1900 System-on a Chip (SoC) that integrates DDR3 memory controller. Itona IQ-B49 provides optimized performance with energy efficiency.

An environmentally friendly device, the Itona IQ-B49’s efficient external power supply combined with fan-less design ensures low power consumption and virtually silent operation.

This product includes an impressive three year warranty backed by a worldwide support network. The Itona IQ-B49 Series represents an unbeatable combination of affordability, quality, performance and service.



### About VXL

VXL is one of the world’s largest suppliers of thin clients. Established in 1976, VXL has grown steadily and now has over two hundred employees worldwide—with offices in Germany, France, Singapore, India, the United States of America and the United Kingdom. The company’s headquarters is in Bangalore, India.



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# Itona IQ-B49

Ordering Code  
IQ-B49 - F10R8 16 GB Flash/4 GB RAM

## Model IQ-B49

### OS Details

- Windows Embedded 8 Standard (WE8S) 64 Bit

### Processor + Chipset

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

### System Memory

- RAM : 4 GB DDR3 1333 MHz SO-DIMM
- Flash: 16 GB

### 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, need to purchase 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 & PS/2 mouse connectors

### Front Panel

- Power Button
- Link LED
- HDD LED
- 2 x USB 2.0
- Mic
- Headphone

### External Power Adapter

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

## 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
- Internal Mono Speaker
- Power cord (country specific)
- VESA Dock (100x100 or 75x75 mounting holes)

\*If the "Internal Mono Speaker" option is selected, Mic and Headphone ports will not be provided in the front panel.

## Physical Characteristics

- Height: 229 mm
- Depth: 226 mm
- Width: 50 mm
- Weight: Approx 2.5 kg

## Regulatory Compliance

### Safety and EMC:

- CE, FCC, cTUVus, TUV-GS, C-tick, VCCI, BIS

### Energy and Environment:

- Energy Star

## Warranty

- Three years limited warranty

## Software Support

- Internet Explorer
- RDP Client
- Citrix Receiver
- VMware Horizon View
- Ericom Blaze
- Windows Media Player
- Adobe Flash Player
- Silver Light
- Tight VNC
- .Net Framework
- Direct X
- Lync VDI

## Server OS Compatibility/Support

- Citrix XenApp 5 and later
- Citrix XenDesktop 3 and later
- Citrix Presentation Server 4.0 and later
- Windows Server 2003
- Windows Server 2008r2 Terminal Services
- Windows 2012 Server Remote Desktop services
- VMware Horizon View Virtual Desktop Infrastructure

## Setup and Configuration

- Boot from local flash
- Windows 8 User Interface Language : US English (Default), Optional add-ons: French, German, Spanish, Italian, Dutch, Turkish, Japanese
- Keyboard Language support: US English Standard (Default) and 40 other languages supported

## Remote Management Tools

- Remote Management, Configuration and Upgrade through VXL Fusion Device Manager
- Microsoft SCCM/EDM Agent
- Remote Imaging Support

## Security Features

- Logon Manager
- 802.1X
- Enhanced Write Filter (EWF)
- File-Based Write Filter (FBWF)
- Microsoft Firewall
- Windows Defender
- VXL USB Security Manger



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