



- ▶ MINI OPS EXTENSION MODULE - DESIGNED AND DEVELOPED FOR SHARP
- ▶ "PLUG & GO" MODULE INSTALLATION OF INTEGRATED WINDOWS PC SOLUTION
- ▶ WINDOWS 10 IOT FOR LATEST OPERATING SYSTEM COMPATIBILITY
- ▶ POWERFUL, RELIABLE AND LONG-LIFE PERFORMANCE WITH INDUSTRIAL-GRADE SSD COMPONENTS
- ▶ FAST PERFORMANCE INTEL CELERON N3160 (QUAD CORE)
- ▶ GRAPHIC OUTPUT SUPPORTING UP TO 4K UHD (3840 X 2160) AT 30HZ
- ▶ FANLESS AND SSD TECHNOLOGY FOR QUIET, RELIABLE, LOW ENERGY RUNNING

The PN-ZB03PC is a powerful single board PC built into the Mini OPS form factor. It features a compact, powerful and high quality solid-state design with the latest generation of low energy Intel Celeron processor. Easy installation ensures a true "Plug and Go" experience with fast user setup.

The PN-ZB03PC is the perfect choice for a tidy and cable-free PC integration within a Sharp monitor. The powerful graphics chipset supports up to 3840 x 2160 video output at 30Hz.

With a fanless design, solid state hard disk (SSD) robust construction supporting a wide operating temperature range the PN-ZB03PC is a reliable, 24/7, professional-grade PC.

The PN-ZB03PC is designed for any Sharp display having the Mini OPS Extension slot and is suitable for digital signage, presentation and many corporate office applications.

KEY SPECIFICATIONS

- ▶ Processor: **Intel Celeron N3160**
- ▶ Memory (GB):
4GB DDR3L-1600, dual channel, onboard/64GB M.2 SSD
- ▶ Clock Speed (GHz): **2.24**
- ▶ Graphics: **Intel HD Graphics 400 (Integrated in Chipset)**
- ▶ Operating System: **Windows 10 IoT Enterprise 2015 LTSC**
- ▶ Product Dimensions (W x D x H) (mm): **103.6 x 30 x 118.2**
- ▶ Weight (g): **280**

SAFETY AND ENVIRONMENT (EUROPE)

- ▶ CE: 
- ▶ Operating Temperature (°C): **0 °C to + 45 °C**

CONNECTIVITY (CONTROL/SERIAL DATA)

- ▶ USB: **2x USB 3.0**
- ▶ LAN Port: **1x RJ45**

POWER SUPPLY AND OPERATING ENVIRONMENT

- ▶ Operating Voltage(DCV): **DC IN 12-19V**
- ▶ Power Consumption (W) (Operating MAX): **28**
- ▶ MTBF (hours): **50,000**

CONNECTIVITY (AUDIO/VIDEO) OUTPUT

- ▶ Audio: **Internal Mini-OPS Connector**
- ▶ Video: **Internal Mini-OPS Connector (4K@30Hz)**

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