

## OG-PC-x86-A • Integral Frame-Installed PC for openGear® Frames

The **OG-PC-x86-A Integral Frame-Installed PC for openGear® Frames** is a compact PC which is installed directly in the frame in the form of an openGear-style card with a double-width rear I/O module. The OG-PC-x86-A gets its power from the frame midplane with no external patches or sources. The full-featured PC is the perfect solution for a headless computer where rack space is limited — the OG-PC-x86-A frees-up the installation from wasting space on a separate 1RU server (especially useful for flypack setups). Using the OG-PC-x86-A, special applications of your choice can be conveniently collocated directly in the frame.

The OG-PC-x86-A installs just like other openGear® device. The OG-PC-x86-A is equipped with a rear panel that provides dual GigE, USB 2.0 and 3.0, HDMI, serial, as well as a DisplayPort.

#### **Basic Processing Details**

- Intel® Pentium® N3710
- · 4-Core
- 1.6 GHz (2.56 GHz burst) 8GB DDR3



### **FEATURES**

Self-contained compact integrated PC solution – eliminates the need for separate 1RU server in rack

 $\label{prop:condition} Full-function high-speed PC with optional high-capacity SSD and dual HDD RAID backup availability$ 

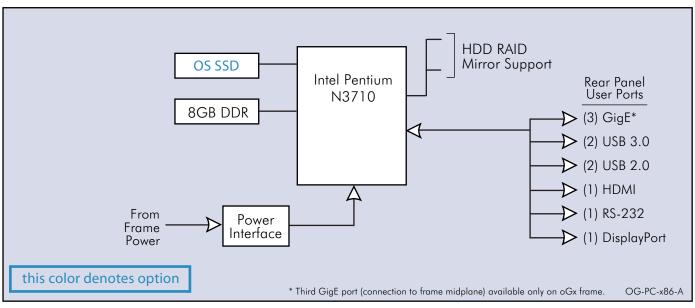
Obtains operating power from frame - no added or external power connections needed

Ruggedized openGear-compliant design. Plugs directly into frame with user ports exposed on rear of unit.

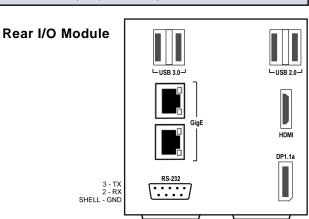
Hardware control features such as power on/off, reset, and sleep are accessible via DashBoard remote control – no need for physical collocation to invoke hard reset or similar actions

Full complement of user ports, including dual GigE and USB, as well as HDMI and DisplayPort

Low power consumption with minimal effect on overall frame power budget









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#### **SPECIFICATIONS**

#### **Processor System**

CPU: Intel® Pentium® N3710

Base Frequency: 1.6 GHz (burst to 2.56 GHz)

Core Number: 4 BIOS: AMI UEFI 64 Mbit Instruction Set: 64 bit

For detailed information on the Intel® N3710 Processor used in this product, please see Intel Pentium Processor N3710

Technology: DDR3L 1600 MHz Max. Capacity: 8GB

#### Storage

1x M.2 M-Key SATA (OS SSD specification defined by order option)

2x HDD 2.5in SATA

Intel® HD Graphics 505

HDMI: 1.4b up to 3840 x 2160 at 30 Hz DisplayPort: 1.1a up to 3840 x 2160 at 30 Hz

Speed: 10/100/1000 Mbps Connectors: (2) RJ45 on rear I/O panel

### Power

Note: Power figures below represent worse-case (all USB ports fully loaded; HDDs (if equipped) spinning). Current draw is distributed across multiple slots using supplied rear I/O module. As such, per-slot power consumption is not exceeded for supported 20-slot frames HPF-9000 and oGx models.

Power Consumption (no RAID HDD options): 48.6 W Power Consumption (RAID; 1 HDD; typ): 53.6 W Power Consumption (RAID; 2 HDD; typ): 58.6 W

Power Management: ACPI Battery: Lithium 3 V / 210 mAH

### **Environmental**

Operational Temperature: 0° to 45° C (32° to 113° F) Operational Humidity: 40° C (104° F) @ 95% RH Non-Condensing Non-Operational Temperature: -40° C to 85° C (-40° F to 185° F)

### **ORDERING INFORMATION**

OG-PC-x86-A Integral Frame-Installed PC for openGear® Frames supporting up to two HDDs and one M.2 socket (includes rear I/O module) (Above base model is base PC for which SSD and OS choices can be added, and a 1TB HHD can be added as described and specified below.)

### Options:

-OG-PC-x86-HDD-1TB 1TB Hard Disk Drive for the OG-PC-x86-A openGear® PC. (Two (2) max per OG-PC-x86-A card)

-OG-PC-x86-SSD-128GB 128GB M.2 Solid State Drive without Operating System

-OG-PC-x86-SSD-128GB-WIN10IoT 128GB M.2 SSD with Windows 10 IoT Operating System

-OG-PC-x86-SSD-128GB-WIN7 128GB M.2 SSD with Windows 7 Embedded Operating System

Note: Options or ordering line items denoted as "-" are hardware orderable items (such as drives pre-loaded or unloaded with OS choices).

Note: OG-PC-x86-A can be equipped to support user-added HDDs (up to two). Please contact your sales representative for more information and ordering details.