

PS6000 Series Open-Source Linux Component Guide

Introduction

Only customers who purchased PS6000 Series without a pre-installed operating system (i.e. when the OS section of the part number is “N: None”), can install and use a Linux OS downloaded from the official website at your own risk.

This document describes the supported operating system, required PS6000 Series drivers and installation procedures.

NOTE: For complete product information, including specifications and safety precautions, refer to PS6000 Series Advanced and Standard Box/Model User Guide and PS6000 Series Basic Box/Model User Guide.

www.pro-face.com/trans/en/manual/1085.html

Supported Operating System

- Ubuntu 22.04 <https://releases.ubuntu.com/>

Supported PS6000 Series Optional Interface

For PS6000 Series Advanced and Standard Box

- RS-422/485 isolated x 2 (PFXYP6MPR42P2)
- Ethernet (GbE IEEE1588) x 1 (PFXYP6MPETH)

For PS6000 Series Basic Box

- M.2 RS-422/485 isolated x 2 (PFXYP6M2R42P2)
- M.2 Ethernet (GbE IEEE1588) x 1 (PFXYP6M2ETH)

Component Zip File

The components and other files required to use the supported operating system listed above on PS6000 Series are provided in the zip file below. The file can be downloaded from our website: www.pro-face.com/trans/en/manual/1085.html

- *Ubuntu-Components-Installer.zip*

Package Verification

First, refer to *README.txt* in the *Ubuntu-Components-Installer* folder to verify the signature and ensure that the tar.gz file containing the components and related documentation is authentic and can be trusted.

Kernel Module Signing

Kernel module signing is required before installing the components. For signing instructions, refer to *Installation Guide.docx* included in *Ubuntu-Components-Installer.tar.gz*.

PS6000 Series Components for Ubuntu

The following components are included in the zip file and must be installed to use the supported operating system listed above on PS6000 Series. For installation instructions, refer to *Installation Guide.docx* included in *Ubuntu-Components-Installer.tar.gz*.

- FrontUSBControl (utility)
- SerialPortSwitch (utility)

- FrontLEDControl (utility)
- USBCMD library
- USBCMD Kernel Driver
- install.sh (Installation script)

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

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