

Platform MX6

Software option S111

FTP Server

1 Identification

Identification	
Option ID	S111
Order number	S-05000312-0000
Short name	FTP Server
Brief description	With this software option it is possible to operate a FTP (File Transfer Protocol) server.
Revision ID document	V1.0

2 System requirements and restrictions

System requirements and restrictions	
Supported Platforms and devices	Berghof PLC of the MX6 platform (e.g.: MCs, CCs, DCs). Additional information regarding availability and compatibility can be found in options section of the product catalog.
Firmware	MX6 Version 1.17.0 or higher
Additional requirements	— FTP Client
Restrictions	

3 Product description

With this extension, it is possible to operate an FTP (File Transfer Protocol) server. The FTP server can be used to transfer files from the client to the server (upload) and/or from the server to the client (download). Via a user administration, access via FTP to the file system and the files contained therein can be regulated.

The user permissions are divided into three groups:

- ftp admin
Enables unrestricted access (files marked as ReadOnly cannot be changed) to the complete file system of the PLC. The user can navigate outside the FTP base directory.
- ftp user
The user can read and write files. It is not possible to navigate outside the FTP base directory.
- ftp reader
The user can only read files. It is not possible to navigate outside the FTP base directory.

The FTP server can be accessed via a standard FTP client and/or via a web browser.

4 Technical data

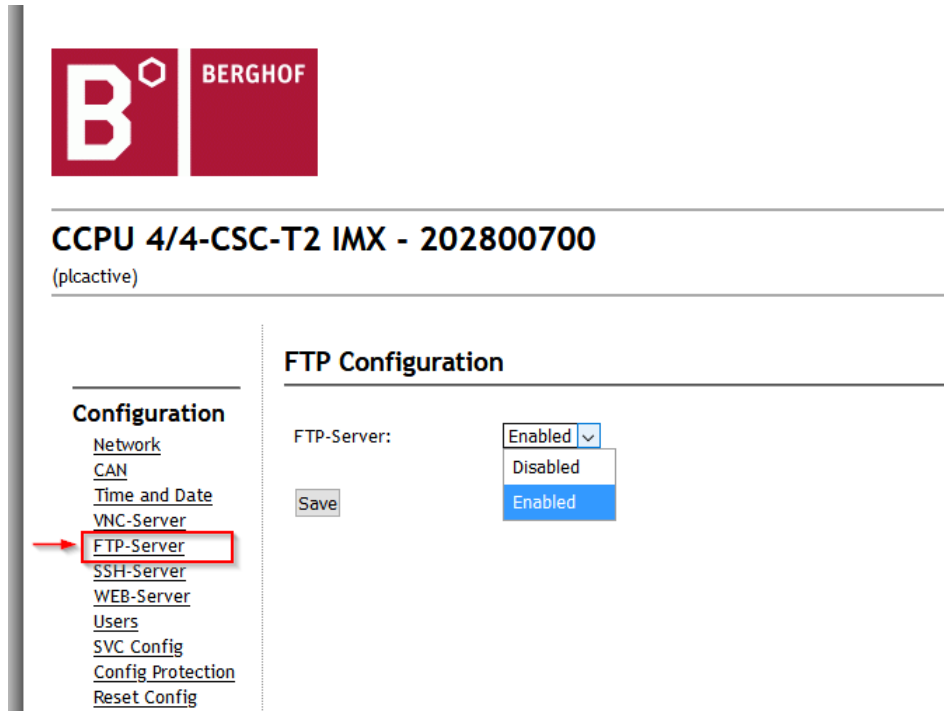
Technical Data

Integrated Version	Proftpd
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5 Quick Start Guide

5.1 FTP Server start

To use the FTP server, it must first be activated via the web interface of the controller. After changing the settings, the "Save" button must be pressed. The changed settings are active after a reboot of the system.



The screenshot displays the web interface of a BERGHOF controller. At the top left is the BERGHOF logo, consisting of a red square with a white 'B' and a hexagon, followed by the word 'BERGHOF' in white on a red background. Below the logo, the device model 'CCPU 4/4-CSC-T2 IMX - 202800700' is shown, with '(plcactive)' underneath. A left-hand navigation menu titled 'Configuration' lists various settings: Network, CAN, Time and Date, VNC-Server, FTP-Server (highlighted with a red box and a red arrow), SSH-Server, WEB-Server, Users, SVC Config, Config Protection, and Reset Config. The main content area is titled 'FTP Configuration' and shows the 'FTP-Server' status set to 'Enabled' in a dropdown menu. Below this, there is a 'Save' button and a blue 'Enabled' button.

5.2 FTP User configuration

The user configuration can be opened via the "User" configuration entry. The system has three fixed users (ftpuser, ftpadm, ftpreader) for which only the password for FTP access can be changed. FTP authorisation group and FTP Home directory are fixed for these users and therefore cannot be edited.

Furthermore, there are five other users who can be modified in their name, password, FTP Home directory and FTP authorization group. It is also possible to activate and deactivate the user.

Please note that the directory path specified in the FTP base directory must exist and is not automatically created by the system.

Changes to the user settings are applied after pressing the Change button.

The changed settings are active after a reboot of the system.

CCPU 4/4-CSC-T2 IMX - 202800700
(plcactive)

User Management

User Name	Password	Home Directory (FTP)	FTP Access	Active	Change
root	•••••	/root	ftp admin	<input checked="" type="checkbox"/>	
admin	•••••	/dev/null	-	<input checked="" type="checkbox"/>	
ftpuser	•••••	/flash/ftpupload	ftp user	<input checked="" type="checkbox"/>	
ftpadm	•••••	/flash/ftpupload	ftp admin	<input checked="" type="checkbox"/>	
ftpreader	•••••	/flash/ftpupload	ftp reader	<input checked="" type="checkbox"/>	
webuser	•••••	/dev/null	-	<input checked="" type="checkbox"/>	
ftpuser1	•••••	/flash/ftpupload	ftp reader ▾	<input checked="" type="checkbox"/>	
ftpuser2	•••••	/flash/ftpupload	ftp reader ▾	<input checked="" type="checkbox"/>	
ftpuser3	•••••	/flash/ftpupload	ftp reader ▾	<input checked="" type="checkbox"/>	
ftpuser4	•••••	/flash/ftpupload	ftp reader ▾	<input checked="" type="checkbox"/>	
ftpuser5	•••••	/flash/ftpupload	ftp reader ▾	<input checked="" type="checkbox"/>	

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