

FXA1PU-M57



True 4K DisplayPort KVM Extender over Single-Mode Fiber with USB, 500M

Specifications

Model Number	Computer Unit	Console Unit
FXA1PU-M57	FXA1PU-57L	FXA1PU-57R
MAX. Resolution	3840x2160@60Hz (4:4:4) 4090x2160@60Hz (4:4:4)	
Video Extension	DisplayPort 1.2 x 1 (In)	DisplayPort 1.2 x 1 (Out)
USB HID Extension	Mini USB x 1	USB-A x 3
HDCP Compliance	HDCP 2.2 and HDCP 1.4	
Fiber Link Port	10Gbps Single-Mode LC SFP Module x 1 (Wavelength : 1310nm)	
LC Fiber Cable	Duplex OS1 or OS2 (9/125 μm)	
Extension Range	MAX. 500M with OS1 or OS2	
LED Indicators	Status x 1, USB HID x 1	
Power Supply	DC 5V (Mini USB)	DC 5V (Mini USB)
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Aluminum	
H x W x D (mm)	28 x 75 x 100	28 x 75 x 100
Weight (g)	227	233

Features

- Allows Reliable Remote Access of a Computer via a Fiber Cable Up to 500M (1,640 feet)
- DisplayPort 1.2 Video Supports Most Popular Resolutions Up to 4K@60Hz (4:4:4)
- HDCP 2.2 and HDCP 1.4 Compliance Ensures Uninterrupted HD and UHD Video Playback
- Unique Visual Lossless Light Compression Makes True 4K Video Extension Possible
- USB HID Extension Supports Keyboard, Mouse, Touch Screen, and Other HID Devices
- Optical System Makes High Speed and Long Distance Transmission Possible, and The EMI-Isolated Nature Is Ideal for Noise-Critical Applications
- Plug-and-Play, No Driver or Software Required
- Support Windows / Mac / Linux / Chrome O.S.
- Interoperability among HDMI / DisplayPort Models (Fiber Interface Must be The Same)
- Video Extender Models without USB Extension Also Available



Product Family

Model	USB Extension	Video Interface	MAX. Resolution	SFP Fiber Module Type	Extension Distance	
FXA1MU-M57	Yes	HDMI 2.0	4K@60Hz (4:4:4)	Single-Mode	500M	
FXA1MU-M56				Multi-Mode	300M	
FXA1MU-M53		HDMI 1.4	4K@30HZ (4:4:4)	Single-Mode	500M	
FXA1PU-M57				Multi-Mode	300M	
FXA1PU-M56		No	DisplayPort 1.2	4K@60Hz (4:4:4)	Single-Mode	500M
FXA1PU-M53					Multi-Mode	300M
FVXA1M-M57	HDMI 2.0		4K@60Hz (4:4:4)	Single-Mode	500M	
FVXA1M-M56				Multi-Mode	300M	
FVXA1M-M53	HDMI 1.4		4K@30HZ (4:4:4)	Single-Mode	500M	
FVXA1P-M57				Multi-Mode	300M	
FVXA1P-M56	DisplayPort 1.2	4K@60Hz (4:4:4)	Single-Mode	500M		
FVXA1P-M53			Multi-Mode	300M		

Overview

True 4K DisplayPort KVM Extender over Single-Mode Fiber with USB, 500M, FXA1PU-M57, Allows Reliable Remote Access to a Computer's DisplayPort Video and USB HID via a Single-Mode Fiber Cable Up to 500M (1,640 feet)

Connection Pattern

