

SELECTING AN FTTx ETHERNET PRODUCT FOR YOUR NEXT PROJECT

Use the selection table on page 2 to quickly narrow your search for an FTTx product. Below are a few helpful questions to help narrow your selection.

- **Does the application require a Managed Device with robust features?**
 - On-board logic – eliminates the need for separate management module.
 - Support for applications requiring network monitoring, VLANs, bandwidth limiting.
- **Does the application require Host/Remote Configuration?**
 - Reduces the number of IP addresses needed.
 - Reduces truck rolls.
- **What Data Speeds are required?**
 - 10/100Mbps?
 - 10/100/1000Mbps?
- **What type of fiber is needed?**
 - First, choose between Multi-mode or Single-mode fiber types.
 - Then, choose your fiber connectors, SC, LC or SFP form factor.
 - SFPs offer flexibility; Advantech B+B SmartWorx SFP ports are not proprietary.
- **How many Ethernet Ports does the application require?**
 - Does it make sense to select an FTTx device in a modular form factor for future expansion?
 - Does it make sense to select an FTTx device that supports Gigabit speeds for future bandwidth requirements?
- **Review your Mounting, Temperature or Power requirements.**
 - Does the application require a compact form factor or a modular format? Mounting options depend on which one.
 - What are the temperature requirements for the application?
 - How will the unit be powered – AC, DC or 48VDC (Telco)?
- **Once you have an FTTx device selected, you should ask just a few more questions.**
 - Do you have all the accessories needed to make all the connections?
 - Patch Cords, Power Supplies, chassis, Optional Mounting Hardware and Fiber connectors make the top of the list.
 - When do you need product samples for proof of concept and full production?



ABOUT SNMP MANAGEMENT & FTTx "Fiber To The X" Solutions

FTTx (Fiber to the cabinet, customer premise or desktop) indicates that intelligent devices are deployed at the end point of the fiber.

FTTx devices provide enhanced management information via SNMP, but also allow for traffic grooming/identification via VLANs, bandwidth/rate limiting and system alarms when remote fault conditions occur.








Fiber offers security, reliability and bandwidth. Available in a fixed form factor for SM, MM or SSF, an SFP version is also available.

PRODUCT ASSISTANCE

If you need product selection assistance, contact Advantech B+B SmartWorx technical support online.

FTT_x MANAGED DEVICES

| PRODUCT SELECTION GUIDE | (continued)

Single-Port Options				Multi-Port Options			
Family Series:	 IE-MiniFiberLinX-II	 iMcV-FiberLinX-II	 iMcV-Giga-FiberLinX-III	 AccessEtherLinX/4	 Giga-AccessEtherLinX-II	 IE-MultiWay	 IE-iMcV-MultiWay
FUNCTION							
10/100 Base	✓	✓	-	✓	-	-	-
10/100/1000 Base	-	-	✓	-	✓	✓	✓
PORTS							
Total Ports	2	3	3	5	5	4	4
Fiber Option	1x9	1x9, SFP	SFP	1x9	1x9, SFP	SFP	SFP
Copper Ports	1	1	2	4	4	2	2
SPECIFICATIONS							
MTU (bytes)	1916	1916	10240	1916	9600	10240	10240
Temperature	0 to +50°C, AC adapter -45 to +85°C, DC TELCO -35 to +70°C, DC power	0 to +50°C	0 to +50°C	0 to +50°C	0 to +50°C	-10 to +50°C, AC adapter -40 to +85°C, DC power	Chassis Required, MediaChassis or other chassis series
Last Gasp	✓	✓	-	-	-	✓	✓
Power	DC TB, AC adapter	Chassis required, AC and DC	Chassis required, AC and DC	Stand-alone, AC only	Stand-alone, AC and DC only	AC power brick, DC TB	Chassis required, AC and DC
DIN/Panel Mount	✓	-	-	-	-	✓	-
MANAGEMENT							
VLANs	✓	✓	✓	✓	✓	✓	✓
SNMP V1/2c	✓	✓	✓	✓	✓	✓	✓
Bandwidth Configuration	✓	✓	✓	✓	✓	✓	✓
Host/Remote Capabilities	Remote or Standalone. Can be paired with a Host iMcV-FiberLinX-II	Host, Remote, or Standalone. As a Host, can be paired with another iMcV-FiberLinX-II, IE-MiniFiberLinX-II, or an AccessEtherLinX/4	Host, Remote or Standalone. Can be paired with another iMcV-Giga- FiberLinX or Giga Access-EtherLinX when in Host/Remote mode.	Remote or Standalone. Can be paired with an iMcV-FiberLinX-II.	Remote or Standalone. Can be paired with an iMcV- Giga-FiberLinX-III.	Remote or Standalone. Can be paired with an iMcV-Giga-FiberLinX-III.	Remote or Standalone. Can be paired with an iMcV-Giga-FiberLinX-III.

NOTES:
 * Last Gasp TRAP feature is model specific.
 Please refer to the website for latest versions of firmware and software iView2.