



WIZ-407/407E

A Media Wizard Module

- Supports IBM5250Express 2Mbps and IBM5250 1Mbps
- Full connectivity range from 7 to 112 ports
- Repeater function for each port
- Jumper configurable RJ-45 pin assignment (pin number and polarity)
- Enhanced LED indications
- Modular and stand-alone versions

WizLAN's Active Star modules provide the ultimate solution for AS/400 networking system. The Active star converts a daisy-chain into a star topology and extends the distance between the AS/400 controller and the terminals using copper link.

Two versions are available: WIZ-407E supporting both IBM5250Express 2Mbps and IBM5250 1Mbps rates, and WIZ-407 which supports IBM5250 1Mbps rate only. The WIZ-407/E supports jumper configurable pin-out and polarity on the RJ-45 link and ports. The modules operate independently and provides extensive diagnostics and status display consisting of 10 high visibility LED indicators.

To maximize efficiency and minimize installation costs the WIZ-407/E modules can be installed in WizLAN 16 or 4 slot modular chassis, saving rack space and outlets, and enabling easy service and maintenance.

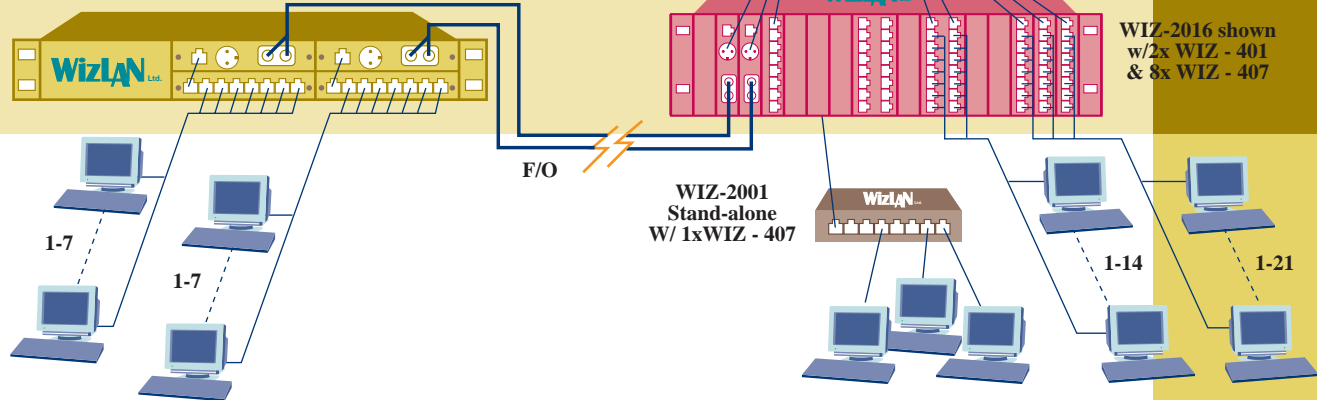
Both chassis support an optional redundant power supply and central management. He Active Star modules can also be installed in the small single slot chassis equipped with an integrated, wide range, power supply.



MEDIA WIZARD

Typical Configuration

WIZ-2004 shown
W/ 2xWIZ - 407
W/ 2xWIZ - 401



Technical Specifications

WIZ-407/407E- IBM AS/400

System/3X Active Star module

AS/400 Link / Port

Link:	1 x RJ-45
Port:	7 x RJ-45
UTP distance	800m (2,630 ft)
STP distance	1000m (3,300 ft)
RJ-45 Pin-out	+1, -2; -1,+2; +4,-5; -4,+5

System Compliance

Computer models	IBM system AS/400, S/3X
Standards	IBM5250Express 2Mbps IBM5250 1Mbps
Propagation delay	5.5"s
Terminals	All IBM terminals: 5251, 5291, 3180, 3196/7, 3476/7 and compatibles
Printers	All IBM printers:3812, 4210, 4220, 5219, 4234, 5224/5/6 & compatibles
Data rates	WIZ-407: 1Mbps WIZ-407E: 1 and 2 Mbps

LED Indicators

PWR	DC power supplied to the module
Ports 1-7	Port active (per port)
LNK	Link active
2M	2Mbps activity detected

Ordering Information

WIZ-407	AS/400 Active star, Link: RJ-45, Ports: 7x RJ-45, selectable pins and polarity, status management.
WIZ-407E	AS/400 1M and 2Mbps (Express) Active star, Link: RJ-45, Ports: 7x RJ-45, selectable pins and polarity, status management.

All specifications are subject to change without notice. Neither manufacturer nor seller shall be liable for any loss, damage, or injury, direct or consequential, arising from the inability to use the product.

Technogy

Active star, Repeater

Physical Dimensions (Module)

Height	Width	Depth
130mm (5.1")	25.4mm (1")	140mm (5.5")

Electrical Characteristics

(Installed in WIZ-2016/2004/2001 chassis)

Input Voltage	90 - 240 VAC
Frequency	50 - 60 Hz
Power Consumption	6 watts maximum
DC Power Consumption (Power Units per Module)	1.2 PU

Safety & Emissions

CE, FCC Part 15, EM60950

Environment

	°C	°F
Operating Temperature	0 to 45	32 to 113
Storage Temperature	-30 to 65	-22 to 149
Humidity	10 to 90% non-condensing	

WizLAN Ltd.

P.O. Box 7948, Haifa 31078, Israel e-mail: sales@wizlan.com http://www.wizlan.com Tel: +972-4-857-2199 Fax: +972-4-857-2204