

WIRELESS LANs: SUMMARY OF FEATURES

Products listed in alphabetical order

y = yes n = no

List price (tested configuration)	Altair \$4990	InfraLAN \$5990	
Included components	1 Control Module, 5 User Modules	MAU, 2 optical nodes, 2 node- to-base cables	
Maximum number of devices served	32 per Control Module	6 per MAU	
GENERAL INFORMATION			
Frequency class	18 to 19 GHz	Infrared	
LAN interface	Ethernet	Token-Ring	
Supports building-to-building use	n	y	
Supports server operating systems:			
NetWare	n	y	
VINES	y	y	
LAN Manager	y	y	
Unix	y	y	
AppleShare	n	y	
Rated throughput	3.3 Mbps	4 Mbps	
Can be operated without FCC licensing	n	y	
Can be added into existing network	y	y	
Network type	Ethernet	Token-Ring	
PHYSICAL FEATURES			
Device type	Antenna	Optical node	
Uses Multistation Access Unit	n	y	
Dimensions (HWD, in inches)	3 x 8 x 11.5	3 x 14.9 x 7.3	
Weight (pounds)		5	6.10
Number of ports	6 per User Module;		6
32 per Control Module			
Diagnostic LEDs on transceiver	y	y	
Link status	y	n	
Proper alignment	n	y	
Transmission monitoring	y	y	
Power source	External AC	MAU	
LIMITATIONS			
Maximum specified distance (feet):			
Open area		130 Not recommended	
Semi-closed area	65 to 70		80
Closed area	40 to 50		80
Operates without line-of-sight positioning	y	n	
Signal can penetrate:			

Sheet1

Internal office separators	y	n
Concrete	n	n
Steel	n	n
SECURITY		
Data encryption	n	n
Access restricted to users with registered node addresses	y	n
SUPPORT		
Training	y	y
Toll-free support number	y	y

N/A Not applicable: This product is an internal adapter card.

WaveLAN
\$5970
6 adapters

1 per adapter

902 to 928 MHz
Ethernet (modified)
y

n
n (via bridge)
y
n
y
2 Mbps
y

y
Ethernet or Token-
Ring (via bridge)

16-bit network
adapter
n
N/A
N/A
N/A

N/A
N/A
N/A
N/A
Host PC

800
200
110

y

y
y
n

Optional (\$90)
n

n
n