

## FW-7580 Unified Communication Network Appliance

1 FE + 6GbE Ethernet Ports, 3.0 GHz Enabled System Built on the Intel G41 Chipset

### Ideal Network Communication

In small business environments, network communication, control and security costs are ballooning everyday. The FW-7580 is a single network appliance that can be modified to suit any or all of these needs.

For instance, as a network communication appliance this platform can be used for load balancing to ensure all computers or servers in the network are being used equally. It can also take care of any unified communication application (such as VoIP) will have a dedicated constant and steady stream of information.

If network security is a top priority, then this application can be used as a firewall, for proper UTM management.

The FW-7580 can also be used as a network router, helping with WAN acceleration and network access control. Tasks such as email security and spam control can be easily handled.

### Pick the Perfect Processor

This platform is built around the Intel G41 chipset and supports a variety of different Intel processors. By choosing the processor, the FW-7580 is customizable enough to suit specific application situations.

### High Port Density

The FW-7580 comes with 1 FE and 6 GbE ethernet ports. With one pair able to be an abnormal state packet bypass.

### Up to 8 Gb of Memory

With 2 additional 240p DIMM slots this network appliance can hold a maximum 8 Gigabytes of RAM.

### PCI-E Expansion

The PCI-E expansion slot using the (x)8 lane architecture, ensures that this network communication appliance can be personalized to support any network needs.



FEATURES	DESCRIPTION	
<b>Form Factor</b>		1U Rackmount
<b>Platform</b>	Processor	Supports Intel Core 2 Duo, Pentium D, Celeron processors, LGA 775
	Chipset	Intel G41 + ICH7R
	Front Side Bus	1333/1066/800 MHz
	Max Speed	3.0 GHz
<b>System Memory</b>	Technology	Dual-channel DDR2 800/667 MHz
	Max Capacity	8GB
	Socket	240P DIMM x 2
<b>OS Support</b>		Windows, Linux, OpenBSD, FreeBSD
<b>Storage</b>	HDD Bay(s)	2.5" x 1
	Storage Interface	Serial ATA x 2 CompactFlash (type II) x 1
<b>Networking</b>	Ethernet Port Density	7 onboard (RJ45 x 7) 1 pair support by-pass function
	Controller	Intel 82574L GbE x 6, Intel 82562DM FE x 1
<b>I/O Interface</b>	Console	RJ45 x 1
	USB 2.0	2
<b>Expansion*</b>	PCI-E	(x)8 x 1
<b>Cooling</b>	Processor	1U CPU passive heatsink with duct to 2 fans
	System	Cooling fan x 1 with Smart Fan
<b>Environmental Parameters</b>	Temperature, ambient operating / storage	0°C ~40°C / -20°C~60°C
	Humidity (RH), ambient operating and non-operating	5 ~ 95%, non condensing
<b>Miscellaneous</b>	LCD Module	2 x 20 character
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
<b>Physical Dimensions</b>	Dimensions (WxHxD)	431x44.4x276 mm (17x1.7x10.9 in)
	Weight	7 kg (15.4 lbs)
<b>Power</b>	Type / Watts	1U ATX SPS / 220W
	Input	AC 100~240V@50~60Hz
	Output	+3.3V 16.8A, +5V 12A, +12V 10A, -12V 0.8A, +5VSB 2A
<b>Approvals &amp; Compliance</b>		CE Emission, FCC Class A, RoHS

### About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline network security, network video and applied computing platforms. With headquarters in Taipei, Taiwan and branches in the U.S. and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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