



FEATURES / MODELS	PL-10450	PL-80330	PL-80160	PL-80310	PL-80300
Ethernet	28x GbE	24x GbE	32x GbE	7x GbE	6x GbE
Form Factor	2U Rackmount	2U Rackmount	2U Rackmount	IU Rackmount	IU Rackmount
CPU	Intel™ Core™ 2 Duo/ Pentium™	Dual Intel™ 45nm Xeon™ (Nehalem), LGA1366	Intel® Xeon®, Core™ i7, Core™ i5, Core™ i3; Pentium®	Intel® Sandy Bridge, Xeon®, Core™i3, LGA1155	Intel® Atom low-voltage processors: D410 or D510
Chipset	Intel™ 3010 + ICH7-R	Intel™ 5520 + ICH10R 4.8GT/s, 5.86GT/s, 6.4GT/s	Intel® 3450	Intel® Cougar Point 206 PCH	Intel 82801HM Controller
Memory	DDRII 667/533, to 8GB	DDR3 1333/1066/800, to 24GB	Dual-channel DDR3 800/1066/1333MHz memory	Dual-channel DDR3 ECC/Non- ECC, un-buffered, 1066/1333MHz mem.	Un-buffered and Non-ECC DDRII 667MHz mem.; Up to 2GB.
Ethernet Chipset	Intel™ 82541 PI, Intel™ 82573L, Intel™ 82571EB	Intel™ 82574, 82576, 82599/10GBE (2 Optional)	Intel® 82574L (Copper) and Intel 82576EB (SFP)	Intel 82574L	Six Intel 82574L RJ45 GbE
LAN Bypass	Yes (2 ports) optional	Yes (2 ports) optional	YES (2 ports)	Two pairs bypass	Bypass b/w LAN1 & LAN2
PCI Expansion	1 x PCI-E x 8, 1 x PCI-E x 8 Card edge fingers, 1 x PCI slot	4 x PCI-E x 8, 1 x PCI-E x4 1x Proprietary for I/O module	PCI-E x8,	One PCI-E x8 slot for expansion module...	Externally accessible PCI slot
USB	One internal 5x2 pin header (2x USB 2.0)	2 x USB 2.0	1x internal; 1x external (2.0)	One ext. USB 2.0 dual-port. One int. USB 2.0 (5x2 pin header)	One internal 5x2 pin header (2 x USB 2.0)
Hard Disk Mounting	1 x removable 3.5" SATA HDD bay (optional)	4 x Hot Swap 3.5" SATA HDD	One internal 3.5" SATA HDD bay	One internal 3.5" SATA HDD bay	One internal 3.5" SATA HDD bay
VPN Security Chipset		4x Cavium Nitrox PX CN16xx (optional)	Opt. Cavium Nitrox PX cn 16xx security co-processor	Cavium N1610/1620 (optional)	
CompactFlash™	CompactFlash™ type II	CompactFlash™ type II	CompactFlash™ type II	CompactFlash™ type II	CompactFlash™ type II
Power	2U, ATX redundant power	2U, ATX redundant power	2U, ATX redundant power	1U, ATX redundant pwr supply	60W pwr supply, AC to DC 12V
LEDs	Power, Status	Power, HDD, LAN speed	Power, HDD LED, 2x Bypass	Power, HDD, 2x Bypass	Bypass, Power, HDD, Status
LCD & Keyboard		16 x 2 characters LCM & 4 button keypad	16 x 2 characters LCM & 4 button keypad	One 16 x 2 LCM	
Operating Temperature	0°C (32°F) to 40°C (104°F)	0°C (32°F) to 40°C (104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)
Environmental	5% to 95%, non-condensing	5% to 95%, non-condensing	10 ~ 85% relative humidity, non- operating, non-condensing	10 ~ 85% relative humidity, non- operating, non-condensing	10~ 85% relative humidity, non- operating, non-condensing
Dimensions (W x D x H)	435mm x 450mm x 88mm	440mm x 505mm x 44mm	435mm x 400mm x 88mm	440mm (W) x 400mm (D) x 44mm (H)	432mm (W) x 270mm (D) x 44mm (H)
Certifications	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC



FEATURES / MODELS	PL-80230	PL-80120	PL-80140	PL-80090	PL-10600
Ethernet	14x GbE	6x GbE	6x GbE	11x GbE	8 x GbE + 1 x FE
Form Factor	1U Rackmount	1U Rackmount	1U Rackmount	1U Rackmount	1U Rackmount
CPU	Intel® Core™2 Quad , Core™2 Duo, Pentium® Dual-core, Celeron® D, LGA775 Socket	Intel® Atom low-voltage processors: D410, D510, and N450 (Pineview)	Intel® Core™2 Quad* , Core™2 Duo, Pentium Dualcore, Celeron®, LGA775 socket, Intel® Core™2 Quad processor	Intel™ Core 2 Quad/Core™ 2 Duo/Pentium™ dual core LGA775	Intel™ Pentium™ M / Celeron™ M
Chipset	Intel® G41 + ICH7R	Intel 82801HM Controller	Intel® Q35, ICH9D0	Intel™ 3210 + ICH9R	Intel™ 915GME/ 910GMLE + ICH6-M
Memory	Un-buffered and non-ECC DDR3 800/1066MHz memory	Un-buffered and Non-ECC DDRII 667MHz memory	Dual-Channel DDRII 800/667 MHz memory	DDRII 800/667, to 4GB	DDRII 533/400, to 1GB
Ethernet Chipset	Intel® 82574L	Intel® 82574L	Intel® 82574L	Intel™ 82571EB, Intel™ 82573L	Intel™ 82574L, Intel™ 82562 PHY
LAN Bypass	Two pairs bypass (optional)	Bypass and 2 optional	4 ports bypass	Yes (4 ports) optional	
PCI Expansion	1x PCI expansion slot	Optional	PCI-E x1 interface	1 x PCI-E x8, 1x PCI-E x8 Card edge fingers, 1x PCI slot	PCI x One
USB	One external Dual USB 2.0	One internal 5x2 pin header	2 x USB 2.0	2 x USB 2.0	One USB 2.0 host connector. One USB 2.0 host pin-header
Hard Disk Mounting	1x 3.5" SATA HDD bay	1x3.5" SATA HDD bay	One fixed 3.5" SATA HDD bay	2 x 3.5" SATA HDD (optional)	1 x 3.5" SATA HDD (optional)
VPN Security Chipset			Cavium chipset on PL-8014C	Opt. Cavium CN1610/1620	Cavium CN505 (optional)
CompactFlash™	CompactFlash™ type II	CompactFlash™ type II	One CompactFlash™ type II	CompactFlash™ type II	CompactFlash™ type II
Power	1U, ATX redundant power	60W 100-240V AC	ATX universal switch pwr supply	1U, ATX redundant power	AC power supply
LEDs	Bypass, Power, HDD, Status	Bypass, Power, HDD, Status	Bypass, Power, HDD, Status	Power, HDD, Status	Power, HDD, Status
LCD & Keyboard	none		One 16x2 LCM	16 x 2 characters LCM, k-pad	16 x 2 characters LCM
Operating Temperature	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0°C (32°F) to 40°C (104°F)	0°C (32°F) to 40°C (104°F)
Environmental	10 ~ 85% relative humidity, non-operating, non-condensing	10 ~ 85% relative humidity, non-operating, non-condensing	0~ 85% relative humidity, nonoperating	5% to 95%, non-condensing	5% to 95%, non-condensing
Dimensions (W x D x H)	435mm (W) x 400mm (D) x 44mm (H)	432mm (W) x 270mm (D) x 44mm (H)	432mm (W) x 270mm (D) x 44mm (H)	440mm x 505mm x 44mm	440mm x 270mm x 44mm
Certifications	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC



FEATURES / MODELS	PL-80430	PL-80700	PL-80350	PL-80390	PL-80360
Ethernet	5x Copper GbE; Two SFP GbE / & PCI-E	Six RJ45 GbE ports	5x GbE	Two RJ45 GbE ports; 4 GbE switch ports	6 x RJ45 GbE ports
Form Factor	1U Rackmount	1U Rackmount	1U Rackmount	Desktop	Desktop
CPU	Dual Intel® Sandy Bridge-EP Xeon E5 Series	Intel® Cedarview-D D2550, N2600 Processors	Intel® Atom LV D425 single- or D525 dual-core	Freescale™ QorIQ P1010 800/533 MHz Processor;	Intel® Atom D525 or D425 Processor
Chipset	Intel® Patsburg C604 PCH	Intel® Cedarview + ICH10R	Intel 82801HM Controller	Freescale™ P1010	Intel® Pineview + ICH8-M
Memory	DDR3 1600/1333MHz, ECC/non-ECC	Un-buffered and Non-ECC DDR3 800/1066MHz memory	Un-buffered and Non-ECC DDR3 800MHz. 4GB max.	DDR3 677 MHz memory. 1 GB max.	Un-buffered and Non-ECC DDR3 800 MHz mem. to 4GB.
Ethernet Chipset	Copper by Intel 82574L & Intel 82576EB. Fiber: Intel 82576EB & Intel 82559ES	Intel® 82583V	Intel 82574L RJ45	Atheros® AR8033 and AR8327	Intel® 82574L
LAN Bypass	2 pair bypass	One pair bypass	Bypass between LAN1 & LAN2	One pair bypass	One pair bypass
PCI Expansion	One mini-PCIe slot; 2x PCIe x16 slots for Cavium Cards	PCI-E x1 slot (Optional); One PCI-E x4 connector for standard PCIe card	Externally accessible PCIe x1 slot	One internal mini-PCIe x1 slot (optional USB 2.0 co-layout)	One mini-PCIe socket with USB bus only
USB	One external USB 2.0 port One internal USB 2.0 (5x2 pin header)	One internal 5x2 pin header (2x USB 2.0)	One internal 5x2 pin header (2 x USB 2.0)	USB0 internal port; USB1: internal or mini-PCIe socket (optional)	One internal 5x2 pin header (2x USB 2.0)
Hard Disk Mounting	One internal HDD bay support two 2.5" SATA HDD	One internal 3.5"/2.5" SATA HDD bay	One internal 2.5"/3.5" SATA HDD bay	One internal 2.5" SATA HDD bay (optional)	One internal 2.5" SATA HDD bay
VPN Security Chipset					
CompactFlash™	One CompactFlash™ Type II	One CompactFlash™ Type II	One CompactFlash™ type II	One CFast socket	One CompactFlash™ type II
Power	1U Zippy 750W ATX DC/AC Redundant Power Supply	60W power supply	60W power supply, AC to DC 12V	25W power adaptor (+5V/5A)	60W pwr supply, AC to DC 12V
LEDs	3x	4x	4x	15x	15x
LCD & Keyboard			One 16x2 LCM		
Operating Temperature	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0°~ 40°C (32°~104°F)
Environmental	minus 20 ~ 75°C (-4 ~ 167°F)	10 ~ 85% relative humidity, non-operating, non-condensing	10~ 85% relative humidity, non-operating, non-condensing	10 ~ 85% relative humidity, non-operating, non-condensing	10~85% relative humidity, non-operating, non-condensing
Dimensions (W x D x H)	440mm (W) x 576mm (D) x 44mm (H)	432mm (W) x 270mm (D) x 44mm (H)	432mm (W) x 270mm (D) x 44mm (H)	215mm (W) x 174mm (D) x 44mm (H)	232mm (W) x 153mm (D) x 44mm (H)
Certifications	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC



FEATURES / MODELS	PL-10560	PL-80320	PL-80260	PL-60780	PL-80240
Ethernet	8x GbE	2x GbE	6x GbE	1 Ext. GbE WAN Port; 10x Ext. GbE Switched Ports	5x GbE
Form Factor	1U Rackmount	Box PC	Desktop	Desktop	Desktop
CPU	Intel™ Pentium™ M / Celeron™ M	VIA® Nano/Eden™ processor	Intel® Atom D510 / D410 (Pineview)	Intel® Atom™ N450	VIA® Nano, C7™, Eden™ Processors
Chipset	Intel™ 915GME/910GMLE + ICH6M	VIA VX900	Intel 82801HM I/O Hub.	ICH8M	VIA® VX800
Memory	DDRII 533/400, to 2GB	1 x 200-pin DDR3 SO-DIMM socket supports *800MHz/1066MHz memory max. up to 4GB w/o ECC registered	Un-buffered and Non-ECC DDRII 667MHz memory; up to 2GB with one SO-DIMM socket	1x DDR2 SoDIMM slots (up to 2GB DDR2-667MHz SoDIMM supported)	Un-buffered and Non-ECC DDR2 667 MHz memory; up to 2GB with one SO-DIMM socket
Ethernet Chipset	Intel™ 82541 PI, Intel™ 82573L	Dual RTL 8111DL GbE	Six Intel 82574L RJ45 GbE.	Intel i82574L	Intel® 82574L, 82583V or Realtek RTL8111D (pin to pin)*
LAN Bypass	Yes (2 ports) optional		Bypass between LAN1 & LAN2		One pair bypass
PCI Expansion	1 x PCI-E x 4, 1 x PCI-E x 8 Card edge finger, 1 x PCI slot	One mini PCI		Riser card for PCIe support	
USB	2 x USB 2.0	6x USB 2.0 connector	One internal 5x2 pin header (2 x USB 2.0)	Ext. USB: 2x USB 2.0 Ports Internal USB: 2x USB 2.0 Headers, 2x USB 2.0 links to Aux port	One internal 5x2 pin header (2x USB 2.0)
Hard Disk Mounting	1 x 3.5" SATA HDD (optional)	2.5" HDD bracket	One internal 2.5" SATA HDD bay	2.5" HDD bracket	Optional internal 2.5" SATA HDD bracket
VPN Security Chipset					
CompactFlash™	CompactFlash™ type II	CompactFlash™ socket type II	CompactFlash™ type II	CompactFlash, optional NAND Flash module	One CompactFlash™ Type II
Power	1U, ATX power	100~240V AC/ 47~63Hz (input voltage); 5A max. (output rating); 12V (output voltage)	60W power supply, AC to DC 12V	12V, 65W external brick power supply	60W power supply, AC to DC12V
LEDs	Power, Status		Bypass, Power, HDD, Status	Power, HDD, SYS GPIO Controlled LEDs: 9 Bi-color LEDs, RJ45 ports feature lights	Bypass, Power, HDD, Status
LCD & Keyboard		LVDS: 1366 x 768 Single channel 24-bit LVDS			
Operating Temperature	F) 0°C (32°F) to 40°C (104°F)	32 ~ 104°F (0 ~ 40°C)	0 ~ 40°C (32 ~ 104°F)		0 ~ 40°C (32 ~ 104°F)
Environmental	5% to 95%, non-condensing	10 to 85% relative humidity, non-operating, non-condensing	10~ 85% relative humidity, non-operating, non-condensing		10 ~ 85% relative humidity, non-operating, non-condensing
Dimensions (W x D x H)	435mm x 400mm x 44mm	217mm (W) x 141mm (D) x 69mm (H) (8.6"W x 5.6"D x 2.7"H)	232mm (W) x 153.3mm (D) x 44mm (H); 9.1"W x 6"D x 1.7"H	11.5" (W) x 8.83" (D) x 1.94" (H)	232mm (W) x 153.3mm (D) x 44mm (H); 9.1"W x 6"D x 1.7"H
Certifications	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC



FEATURES / MODELS	PL-60640/50	PL-60590	PL-10300	PL-60700	PL-10270
Ethernet	7x 10/100	2x GbE	2x 10/100	One 10/100Mbps; 4-Port 10/100 switch	4x 10/100Mbps
Form Factor	Desktop	Box PC	Desktop	Desktop	Desktop
CPU	AMD™ Geode™ LX800	Intel® Celeron® M processors with 533/667MHz FSB	AMD Geode LX800, 500 MHz	AMD® Geode™ LX800, 500MHz processor	VIA C7™/Eden™ processors up to 1.5GHz
Chipset	AMD™ CS5536	Intel® 945GME + ICH7R	AMD® Geode CS5536	AMD® Geode CS5536	VIA CN700 + VT8237R
Memory	DDR 400 to 400MHz/1GB	1 x 240-pin DIMM socket supports DDR II 533/667 max. up to 2GB w/o ECC	1 x DDR SO-DIMM socket, max. 1GB	1x 184-Pin socket supporting PC2700 or PC3200 DDR DIMM up to 1GB	1 x 240-pin DDRII 400/533MHz; up to 1GB with 1 slot
Ethernet Chipset	Realtek 8139CL	Intel® 82573L GbE controllers	Dual Intel® 82551ER or Realtek® 8139CL+	Realtek 8139CL+	Intel® 82551ER or Realtek® 8139CL+
LAN Bypass					1 segment on two 10/100Mbps ports
PCI Expansion	1x mini-PCI expansion slot				
USB		4x USB 2.0 connector	4 x USB 2.0 compliant	2 x USB 2.0	2x USB 2.0
Hard Disk Mounting		2.5" HDD bracket	One mounting kit for 2.5" HDD	Choice of SATA HDD or One CompactFlash™ type II socket	1 x 2.5" ATA HDD; 2x SATA connector
VPN Security Chipset					
CompactFlash™	CompactFlash™ type II	CompactFlash™ socket type II	CompactFlash™ type II	CompactFlash™ type II	CompactFlash™ type II
Power	AC adapter, +5V DC	100~240V AC/ 47~63Hz (input voltage); 5A max. (output rating); 12V (output voltage)	100 ~ 240V AC/47 ~ 63Hz	Single +5V (+4.75V ~ +5.25V) connector Min. power requirements: 5A	60W power supply
LEDs	Power, CF, LAN active & speed			14x LED	Power, HDD, Bypass, LAN active & speed
LCD & Keyboard					
Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)	32 ~ 104°F (0 ~ 40°C)	32 ~ 104°F (0 ~ 40°C)	32°~ 140°F (0°~ 60°C)	0 ~ 40 °C (32 ~ 104 °F)
Environmental	5% to 95%, non-condensing	5 ~ 95% relative humidity, non-operating, non-condensing	5 ~ 95% relative humidity, non-operating, non-condensing	Relative Humidity: 95%	5 ~ 95% relative humidity, non-operating, non-condensing
Dimensions (W x D x H)	225mm(W) x 152mm(D) x 30mm(H) (9"W x 6"D x 1.2"H)	220mm(W) x 217mm(D) x 88mm(H) (8.7"W x 8.5"D x 3.5"H)	218mm(W) x 132mm(D) x 51mm(H) (8.6"W x 5.2"D x 2"H) w/o stand	31.21 cm (W) x 4.45 cm (H) x 15.24 (D); 12.25" (W) x 1.75" (H) x 6" (D)	232mm(W) x 153.3mm(D) x 44mm(H) (9.1"W x 6"D x 1.7"H)
Certifications	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC



FEATURES / MODELS	PL-60580	PL-60570	PL-80400	PL-80380	PL-80270
Ethernet	2x GbE	1x GbE	Six RJ45 GbE ports	Two RJ45 GbE ports	1x 10/100M Base-T LAN port
Form Factor	Desktop	Desktop	Desktop	Desktop	Desktop
CPU	Core™ i3/i5/i7 / Celeron	Atom D2500HN	AMD® G-series T24L 1.0GHz	Freescale™ QorIQ E	Apusone MAP100 CPU
Chipset	Intel® QM67 Chipset	Intel® NM10 Express Chipset	AMD® A50M	Freescale™ P1015E/P1024E	
Memory	DDR 400 to 1GB	2 unbuffered non-ECC DDR3	1x DDR3 SO-DIMM to 4 GB	DDR3 677 MHz memory	256MB SDRAM
Ethernet Chipset	82579LM / 82574L	1x GbE	Intel® 82583V	Atheros AR8035/AR8327	
LAN Bypass			One pair optional	One pair bypass	
PCI Expansion	1 Mini PCI Express x 1 slot 1 32-bit 33/66MHz 3.3v PCI slot	One Conventional PCI bus connector with riser card supports 1x PCI Card	One mini-PCIe socket (PCI-e x1 & USB) One PCIe x1 slot	One internal mini-PCIe x1 slot	
USB	4 USB 2.0 ports	8x USB	Front: two USB ports	One External USB port	
Hard Disk Mounting		2x 2.5" or 1x 3.5" HDD/SSD	2.5" SATA HDD bay	One opt. i2.5" SATA HDD bay	
VPN Security Chipset					
CompactFlash™	1 CFast slot		One CompactFlash™ socket	One CFast socket, SATA interface (Optional)	256MB NAND Flash
Power	AC adaptor, +5V DC		Power Adaptor 60W	25W power adaptor (+5V/5A); Reserved design +12V DC in (option)	
LEDs			Front: 15 LEDs	Front: 15 LEDs	
LCD & Keyboard					4.3" resistive touch panel
Operating Temperature	Minus 10°C to 60°C	0 to 50°C	Operating: 0 ~ 40°C		
Environmental	Humidity: 0% ~ 95% RH, Non-Condensing	5~90% relative humidity, non-operating, non-condensing	5 ~ 95% relative humidity, non-operating, non-condensing	10 ~ 85% relative humidity, non-operating, non-condensing	
Dimensions (W x D x H)	226.1 mm x 88.9 mm x 210.8 mm	226.1 mm x 88.9 mm x 210.8 mm	232mm (W) x 153mm (D) x 44mm (H)	240mm (W) x 152mm (D) x 40mm (H)	143mm (W) x 102mm (D) x 32mm (H)
Certifications	UL/CSA/TUV/ERTL/CB	UL available upon request	CE, FCC	CE, FCC	CE, FCC