

VariPPC Series



Model Name		VariPPC 715A**	VariPPC 715	VariPPC 815
Main Spec	CPU	Intel® Pineview D525 (Dual Core) 1.8GHz	Intel® Pineview D510 (Dual Core) 1.66GHz	Intel® Core i5 2.5GHz Intel® Core i3 2.2GHz Intel® Mobile Celeron B810 1.6GHz
	Chipset	Intel® Pineview + ICH8M	Intel® Pineview + ICH8M	Intel® HM65
	System Memory	Up to 4GB, 1 x DDRIII SO-DIMM 800	Up to 2GB, 1 x DDRII SO-DIMM 667	Up to 4GB, 1 x DDRIII SO-DIMM 1333
	Storage	1 x SATA (2.5")HDD / SSD 1x Compact Flash Card (Optional)	1 x SATA (2.5")HDD / SSD 1x Compact Flash Card (Optional)	1 x SATA (2.5")HDD / SSD
Display	TFT LCD	15" CCFL	15" CCFL	15" CCFL
	Brightness	250 nits	250 nits	250 nits
	Max. Resolution	1024x768	1024x768	1024x768
	Max. Colors	16.2M	16.2M	16.2M
	View Angle	80/80(H Right/Left) 80/60 (V Upper/Lower)	80/80(H Right/Left) 80/60 (V Upper/Lower)	80/80(H Right/Left) 80/60 (V Upper/Lower)
	Contrast Ratio	700:1	700:1	700:1
	Back Light MTBF	50,000 Hours	50,000 Hours	50,000 Hours
Projected Capacitive Touch	Transparency	90% ± 3	90% ± 3	90% ± 3
	Haze rate	<4%	<4%	<4%
	Activity	100 million times	100 million times	100 million times
IO ports	USB Port	4 x USB 2.0	4 x USB 2.0	4 x USB 2.0
	Serial Port	3 x RS-232 w/RI/5V/12V power (COM1/2 : DB-9, RS-232, COM3 : RJ-48) COM 4: DB-9,RS-232, Pin9 w/RI5V/12V (optional)	3 x RS-232 w/RI/5V/12V power (COM1/2 : DB-9, RS-232, COM3 : RJ-48) COM 4: DB-9,RS-232, Pin9 w/RI5V/12V (optional)	4 x RS-232 w/RI/5V/12V power (COM1/2 : DB-9, RS-232, COM3/4 : RJ-48)
	Video	1 X DB-15 VGA (optional)	1 X DB-15 VGA (optional)	1 X DB-15 VGA (optional)
	Audio	1 x Line out / MIC in (optional)	1 x Line out / MIC in (optional)	1 x Line out / MIC in
	LPT Port	1 x Parallel port (standard)	1 x Parallel port (optional)	1 x Parallel port (Standard)
	K/B	1 x PS/2 K/B	1 x PS/2 K/B	1 x PS/2 K/B
Network (LAN)		1 x Gigabit LAN (Support Wake-on-LAN function)	1 x Gigabit LAN (Support Wake-on-LAN function)	1 x Gigabit LAN (Support Wake-on-LAN function)
Expansion		1 x Internal Mini Card (full size Mini PCIe)	1 x Internal Mini Card (full size Mini PCIe)	1 x Internal Mini Card (full size Mini PCIe)
Speaker		2 x 2W Speakers	2 x 2W Speakers	2 x 2W Speakers
Digital IO		4 in 4 out	4 in 4 out	4 in 4 out
AC/DC Adapter		12V, 6.6A 80W adapter	12V, 6.6A 80W adapter	12V, 10A 120W adapter
OS Support		Windows® 7 / Windows® XP Embedded / Windows® XP Pro Embedded / Fedora Core	Windows® 7 / Windows® XP Embedded / Windows® XP Pro Embedded / Fedora Core	Windows 7 Professional for Embedded Systems, Windows Embedded Standard 7, Windows Embedded POSReady 7, Ubuntu 12
Water/Dust Resistance		Front panel IP66 certification	Front panel IP66 certification	Front panel IP66 certification
Operating Temperature		0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
Vibration Resistance		Random/Operation 1.5G, 5 ~ 500Hz	Random/Operation 1.5G, 5 ~ 500Hz	Random/Operation 1.5G, 5 ~ 500Hz
Shock Resistance		20G Peak Acceleration (11ms. Duration) in operation	20G Peak Acceleration (11ms. Duration) in operation	20G Peak Acceleration (11ms. Duration) in operation
EMC / Safety		CE/FCC	CE/FCC	CE/FCC
Dimensions (W x H x D)		370 x 287 x 55 mm	370 x 287 x 55 mm	370 x 287 x 55 mm
Net Weight		4.5KG	4.5 KG	4.5 KG
VESA Mounting		VESA 100	VESA 100	VESA 100

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VariPPC Series



Model Name		VariPPC 719A**	VariPPC 719	VariPPC 819
Main Spec	CPU	Intel® Pineview D525 (Dual Core) 1.8GHz	Intel® Pineview D510 (Dual Core) 1.66GHz	Intel® Core i5 2.5GHz Intel® Core i3 2.2GHz Intel® Mobile Celeron B810 1.6GHz
	Chipset	Intel® Pineview + ICH8M	Intel® Pineview + ICH8M	Intel® HM65
	System Memory	Up to 4GB, 1 x DDRIII SO-DIMM 800	Up to 2GB, 1 x DDRII SO-DIMM 667	Up to 4GB, 2 x SO-DIMM DDRIII 1333
	Storage	1 x SATA (2.5")HDD / SSD	1 x SATA (2.5")HDD / SSD	1 x SATA (2.5")HDD / SSD
Display	TFT LCD	19" LED backlight	19" LED backlight	19" LED backlight
	Brightness	350 nits	350 nits	350 nits
	Max. Resolution	1280x1024	1280x1024	1280x1024
	Max. Colors	16.7M	16.7M	16.7M
	Pixel Pitch (mm)	0.294 x 0.294	0.294 x 0.294	0.294 x 0.294
	View Angle	85/85(H Right/Left) 80/80 (V Upper/Lower)	85/85(H Right/Left) 80/80 (V Upper/Lower)	85/85(H Right/Left) 80/80 (V Upper/Lower)
	Contrast Ratio	1000:1	1000:1	1000:1
Projected Capacitive Touch	Back Light MTBF	50,000 Hours	50,000 Hours	50,000 Hours
	Transparency	90% ± 3	90% ± 3	90% ± 3
	Haze rate	<4%	<4%	<4%
Touch	Activity	35 million times	35 million times	35 million times
	USB Port	6 x USB2.0	6 x USB2.0	6 x USB2.0
IO ports	Serial Port	4 x RS-232 w/RI/5V/12V power (COM 1/2/4 : DB-9, RS-232, COM 3 : RJ-48)	4 x RS-232 w/RI/5V/12V power (COM1/2/4 : DB-9, RS-232, COM3 : RJ-48)	4 x RS-232 w/RI/5V/12V power (COM 1 / 2 : DB-9, COM 3/4 : RJ-48)
	VGA	N/A	N/A	1 X D-sub VGA
	Audio	1 x Line out / MIC in	1 x Line out / MIC in	1 x Line out / MIC in
	LPT Port	1 x Parallel port	1 x Parallel port	1 x Parallel port
	K/B	1 x PS/2 K/B	1 x PS/2 K/B	1 x PS/2 K/B
Network (LAN)		1 x Gigabit LAN (Support Wake-on-LAN function)	1 x Gigabit LAN (Support Wake-on-LAN function)	1 x Gigabit LAN (Support Wake-on-LAN function)
Expansion		1 x Internal Mini Card (full size Mini PCIe)	1 x Internal Mini Card (full size Mini PCIe)	1 x Internal Mini Card (full size Mini PCIe)
Speaker		2 x 2W Speakers	2 x 2W Speakers	2 x 2W Speakers
Digital IO		4 in 4 out	4 in 4 out	4 in 4 out
AC/DC Adapter		12V, 10A 120W adapter	12V, 10A 120W adapter	12V, 10A 120W adapter
OS Support		Windows® 7 / Windows® XP Embedded / Windows® XP Pro Embedded / Fedora Core	Windows® 7 / Windows® XP Embedded / Windows® XP Pro Embedded / Fedora Core	Windows 7 Professional for Embedded Systems, Windows Embedded Standard 7, Windows Embedded POSReady 7, Ubuntu 12
Water/Dust Resistance		Front panel IP65, IPX1 enclosure certification	Front panel IP65, IPX1 enclosure certification	Front panel IP65, IPX1 enclosure certification
Operating Temperature		0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
Vibration Resistance		Random/Operation 1.5G, 5 ~ 500Hz	Random/Operation 1.5G, 5 ~ 500Hz	Random/Operation 1.5G, 5 ~ 500Hz
Shock Resistance		20G Peak Acceleration (11ms. Duration) in operation	20G Peak Acceleration (11ms. Duration) in operation	20G Peak Acceleration (11ms. Duration) in operation
EMC / Safety		CE/FCC	CE/FCC	CE/FCC
Dimensions (W x H x D)		446 x 377 x 70 mm	446 x 377 x 70 mm	446 x 377 x 70 mm
Net Weight		7.1 KG	7.1 KG	7.3 KG
VESA Mounting		VESA 100	VESA 100	VESA 100

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