

Business PC

Topic	Fanless BM0500	Fanless BM1500	Fanless BL1000
Application	Modern and ergonomic workplaces, SOHO, office, meeting room	Modern and ergonomic workplaces, SOHO, Office, administrative department	Modern and ergonomic workplaces, advertising agency, CAD workstation, meeting room
Type	aluminium profile construction without venting holes, black anodized	aluminium profile construction without venting holes, black anodized	aluminium profile construction without venting holes, natural anodized
Dimensions (WxDxH)	214x211x70 mm	214x211x70 mm	250x200x88 mm
Weight	2,0 kg	2,0 kg	3,0 kg
Cooling	Heatpipes attached to chassis	Heatpipes attached to chassis	Heatpipes attached to chassis
Operating condition	0..35°C / 80% rel. humidity	0..35°C / 80% rel. humidity	0..35°C / 80% rel. humidity
CPU	AMD A10-4655	Intel Core i3 8100T Intel Core i5 8500T	AMD Ryzen 3 2200G AMD Ryzen 5 2400G
		4x 3.1 GHz 4x 2.1 - 3.5 GHz	4x 3.5 - 3.7 GHz 4x 3.6 - 3.9 GHz
RAM	4 GB DDR3 8 GB DDR3 16 GB DDR3 32 GB DDR3	4 GB DDR4 8 GB DDR4 16 GB DDR4 32 GB DDR4	4 GB DDR4 8 GB DDR4 16 GB DDR4 32 GB DDR4
Mainboard	Biostar, A68H Chipset	MSI Business Line, H310 Chipset	MSI Business Line, B350 Chipset
I/O front (standard)	-	-	-
I/O back	1x VGA, 1x HDMI, 2x PS/2, 2x USB 2.0, 2x USB 3.0, 1x RJ45, 3x Audio	1x DVI-D, 1x Displayport, 1x PS/2, 3x USB 2.0, 2x USB 3.0, 1x RJ45, 3x Audio	1x HDMI, 1x Displayport, 1x PS/2, 2x USB 2.0, 2x USB 3.0, 2x USB 3.1, 1x RJ45, 3x Audio
I/O internal	internal I/O might be occupied - depending on your configuration 2x USB 2.0, 1x PCIe 3.0 x16 (not usable), 1x RS232	internal I/O might be occupied - depending on your configuration 1x m.2 (PCIe) 2230 (for CNVI only), 1x m.2 (SATA+PCIe) 2260/2280, 2x USB 2.0, 2x USB 3.0, 1x PCIe 3.0 x16 (not usable), TPM	internal I/O might be occupied - depending on your configuration 1x m.2 (PCIe) 2230, 1x m.2 (SATA+PCIe) 2280, 2x USB 2.0, 2x USB 3.0, 1x PCIe 3.0 x16 (full size, Riser-Card required)
Storage	2x 2.5" SSD (Samsung 860EVO) or HDD (WD RED)	2x 2.5" SSD (Samsung 860EVO) or HDD (WD RED) 1x m.2 NVMe SSD (Samsung 970EVO)	2x 2.5" SSD (Samsung 860EVO) or HDD (WD RED) 1x m.2 NVMe SSD (Samsung 970EVO)
ODD	-	-	-
Graphics	AMD Radeon HD7620G up to 2 independend Displays supported max. Resolution: 1920x1200@60Hz max. Resolution: 1920x1200@60Hz	Intel UHD630 up to 2 independend Displays supported max. Resolution: 4096x2304@60Hz (DP) max. Resolution: 1920x1200@60Hz (DVI)	ATI Radeon Vega 8 / Vega 11 up to 2 independend Displays supported max. Resolution: 4096x2160@60Hz (DP) max. Resolution: 4096x2160@24Hz (HDMI)
Wireless LAN	Unex DNUR-S2 300 Mbit Dual-Band WLAN module	Intel Wireless-AC 9560 1.73 Gbit WLAN module, BT 5.0	Intel Wireless-AC 3168 433 Mbit Dual-Band WLAN module, BT 4.2
LTE	-	-	-
Power-In	DC Input 12V, 5,5x2.5 mm plug	DC Input 12V, 5,5x2.5 mm plug	DC Input 12V, 5,5x2.5 mm plug

Topic	Fanless BM0500		Fanless BM1500		Fanless BL1000	
PSU	FSP060-DHAN3 external AC/DC adapter Input: 90 to 264 VAC Output: 12V/60W		FSP060-DHAN3 external AC/DC adapter Input: 90 to 264 VAC Output: 12V/60W	Meet Energy Star EPS2.0/ ErP Lot 7 Meet Energy Efficiency DOE Level VI Meet Code of Conduct Version 5 Tier 2 Meet High Altitude 5,000M Design High Reliability EMC Standard: EN55022 / EN55024 Class B Over Current Protection Over Temperature Protection Over Voltage Protection	FSP120-AHAN2 external AC/DC adapter with screwable plug Input: 90 to 264 VAC Output: 12V/120W	Meet Energy Star EPS2.0/ ErP Lot 7 Meet Energy Efficiency DOE Level VI Meet High Altitude 5,000M Design High Reliability EMC Standard: EN55022 / EN55024 Class B Over Current Protection Over Temperature Protection Over Voltage Protection Active PFC circuit
Power consumption	Idle 100% load		Idle 100% load	10W ~45W	Idle 100% load	10W ~60W
OS compatibility	MS Windows 7 MS Windows 8.1 MS Windows 10 Ubuntu Linux Please ask for further compatibilities		MS Windows 10 Ubuntu Linux Please ask for further compatibilities		MS Windows 10 Ubuntu Linux Please ask for further compatibilities	
Scope of delivery	PC, power cable, PSU, documentation, CE declaration of conformity if applicable: 2x WLAN antennae		PC, power cable, PSU, documentation, CE declaration of conformity if applicable: 2x WLAN antennae		PC, power cable, PSU, documentation, CE declaration of conformity if applicable: 2x WLAN antennae	
Compliance	CE, RoHS, ErP Lot7, meets requirements of EnergyStar		CE, RoHS, ErP Lot7, meets requirements of EnergyStar		CE, RoHS, ErP Lot7, meets requirements of EnergyStar	
Long term availability	-		-		-	
Localization	Type of power cord, OS language, Keyboard layout, language of documentation English (UK) English (US) German		Type of power cord, OS language, Keyboard layout, language of documentation English (UK) English (US) German		Type of power cord, OS language, Keyboard layout, language of documentation English (UK) English (US) German	
Warranty	36 months bring-in		36 months bring-in		36 months bring-in	
Miscellaneous	-		-		-	