

Information Technology Broadcasting and Telecommunications >> Computer Equipment and Accessories >> Computers >> 0718PCD

Specifications:

Name	Type	Restrictions	Unit	Properties
Group: Processor				
1. Processor Make	Enumerable	Intel, AMD	N/A	Mandatory,Filter,Golden
2. Processor Generation	Numeric	7, 8	N/A	Mandatory,Filter,Golden
3. Number of Cores per Processor	Numeric	2, 4, 6, 8	N/A	Mandatory,Filter,Golden
4. Processor Base Frequency (GHz)	Numeric	2.4, 2.7, 2.8, 2.9, 3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4, 4.1, 4.2, 4.3	N/A	Mandatory,Filter,Golden
5. Intel Processor Description hint: May select NA in case of AMD processor	Ordinal	Intel Celeron(1), Intel Pentium(2), Intel Core i3(3), Intel Core i5(4), Intel Core i7(5), NA(6)	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
6. Intel Processor Number hint: May select NA in case of AMD processor	Ordinal	Intel Celeron G3930T(1), Intel Celeron G3930(2), Intel Celeron G3950(3), Intel Celeron G4900(4), Intel Celeron G4920(5), Intel Pentium G4560T(6), Intel Pentium G4600T(7), Intel Pentium Gold G5400T(8), Intel Pentium Gold G5500T(9), Intel Pentium G4560(10), Intel Pentium G4600(11), Intel Pentium G4620(12), Intel Pentium Gold G5400(13), Intel Pentium Gold G5500(14), Intel Pentium Gold G5600(15), Intel Core i3 7100T(16), Intel Core i3 7300T(17), Intel Core i3 7100(18), Intel Core i3 8100T(19), Intel Core i3 7300(20), Intel Core i3 8300T(21), Intel Core i3 7320(22), Intel Core i3 7350K(23), Intel Core i3 8100(24), Intel Core i3 8300(25), Intel Core i5 7400T(26), Intel Core i5 7500T(27), Intel Core i5 7400(28), Intel Core i5 7600T(29), Intel Core i5 8400T(30), Intel Core i5 7500(31), Intel Core i5 8500T(32), Intel Core i5 7600(33), Intel Core i5 7600K(34), Intel Core i5 8400(35), Intel Core i5 8500(36), Intel Core i5 8600(37), Intel Core i5 8600K(38), Intel Core i7 7700T(39), Intel Core i7 7700(40), Intel Core i7 8700T(41), Intel Core i7 7700K(42), Intel Core i7 8700(43), Intel Core i7 8700K(44), NA(45)	N/A	Mandatory,Filter,Golden
7. AMD Processor Description hint: May select NA in case of Intel	Ordinal	AMD PRO A6(1), AMD PRO A8(2), AMD PRO A10(3), AMD PRO A12(4), AMD Ryzen 3(5), AMD Ryzen 5(6), AMD Ryzen 7(7), NA(8)	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
8. AMD Processor Number hint: May select NA in case of Intel	Ordinal	AMD A6 9500(1), AMD A6 9500E(1), AMD PRO A6 9500(1), AMD PRO A6 9500E(1), AMD A8 9600(2), AMD PRO A8 9600(2), AMD A10 9700E(3), AMD A10 9700(3), AMD PRO A10 9700E(3), AMD PRO A10 9700(3), AMD A12 9800E(4), AMD A12 9800(4), AMD PRO A12 9800E(4), AMD PRO A12 9800(4), AMD Ryzen 3 1200(5), AMD Ryzen 3 PRO 1200(5), AMD Ryzen 3 PRO 2200G(6), AMD Ryzen 3 PRO 2200GE(6), AMD Ryzen 3 2200G(6), AMD Ryzen 3 2200GE(6), AMD Ryzen 3 PRO 1300(7), AMD Ryzen 5 1400(8), AMD Ryzen 5 2400GE(9), AMD Ryzen 5 PRO 2400G(9), AMD Ryzen 5 PRO 2400GE(9), AMD Ryzen 5 2400G(9), AMD Ryzen 5 PRO 1500(10), AMD Ryzen 5 1600(11), AMD Ryzen 5 PRO 1600(11), AMD Ryzen 7 1700(12), AMD Ryzen 7 PRO 1700(12), AMD Ryzen 7 PRO 1700X(13), AMD Ryzen 7 1700X(13)	N/A	Mandatory,Filter,Golden
9. Out of Band Management	Ordinal	Intel vPro(1), AMD DASH(1), NA(0)	N/A	Mandatory
10. Cache (MB)	Numeric	1 - 32	N/A	Mandatory
Group: Motherboard				
1. Intel Chipset Series hint: May select NA in case of AMD	Ordinal	Intel H Series(1), Intel B Series(2), Intel Q Series(3), NA(4)	N/A	Mandatory,Filter,Golden
2. Intel Chipset Number hint: May Select NA in case of AMD	Ordinal	Intel H270(1), Intel H310(2), Intel H370(2), Intel B250(1), Intel B360(2), Intel Q 250(3), Intel Q 270(3), Intel Q 370(4), NA(5)	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
3. AMD Chipsett hint: May select NA in case of Intel	Ordinal	AMD B Series(1), NA(2)	N/A	Mandatory,Filter,Golden
4. AMD Chipset Number hint: May select NA in case of Intel	Ordinal	AMD B350(1), NA(2)	N/A	Mandatory,Filter,Golden
5. Expansion Slots (PCIe x 1) (Number)	Numeric	0, 1, 2	N/A	Mandatory
6. Expansion Slots (PCIe x 4) (Number)	Numeric	0, 1, 2	N/A	Mandatory
7. Expansion Slots (PCIe x 16) (Number)	Numeric	0, 1, 2	N/A	Mandatory
8. Expansion Slots (PCI) (Number)	Numeric	0, 1	N/A	Mandatory
9. Expansion Slots (M Dot 2)	Numeric	0, 1, 2	N/A	Mandatory
Group: Graphics				
1. Graphics Type	Enumerable	Integrated, Dedicated/Discrete	N/A	Mandatory,Filter
2. Graphic Memory (GB) hint: May select "0" in case of integrated Graphics	Numeric	0, 1, 2, 3, 4	N/A	Mandatory,Filter
Group: Operating System				
1. Operating System (Pre-Loaded)	Enumerable	Windows 10 Professional, Linux, DOS, Windows 10 Home, Windows 10 Professional under Microsoft Shape the Future Program	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
2. Recovery Media	Enumerable	Recovery CD from the OEM, Recovery Partition in the Hard Disk, Recovery USB from the OEM, NA	N/A	
Group: RAM				
1. RAM Size (GB)	Numeric	4, 8, 16, 32	N/A	Mandatory,Filter,Golden
2. RAM Speed (MHz)	Numeric	2133, 2400, 2666	N/A	Mandatory
3. Total Numbers of DIMM Slots Available	Numeric	2, 4	N/A	Mandatory
4. Number of DIMM Slots populated	Numeric	1, 2, 3	N/A	Mandatory
5. RAM Expandability upto (GB)	Numeric	16, 32, 64	N/A	Mandatory,Filter,Golden
Group: Storage				
1. Total Number of Internal Bays available	Numeric	1, 2, 3	N/A	Mandatory
2. Number of Internal Bays Populated	Numeric	1, 2, 3	N/A	Mandatory
3. Type of Drives used to populate the Bays	Enumerable	HDD, SSD, SSHD, SSED	N/A	Mandatory,Filter,Golden
4. Number of HDD used hint: May select "0" if HDD is not available	Numeric	0, 1, 2, 3	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
5. HDD Capacity (GB) hint: May select "0" if HDD is not available	Ordinal	500 @7200 rpm(1), 1000 @7200 rpm(2), 1000 @5400 rpm(2), 2000 @7200 rpm(3), 2000 @5400 rpm(3), NA(0)	N/A	Mandatory,Filter,Golden
6. Number of SSD used hint: May select "0" if SSD is not available	Numeric	0, 1, 2, 3	N/A	Mandatory,Filter,Golden
7. SSD Capacity (GB) hint: May select "0" if SSD is not available	Numeric	128, 256, 512, 0	N/A	Mandatory,Filter,Golden
8. Number of SSHD Used hint: May select "0" if SSHD is not available	Numeric	0, 1, 2, 3	N/A	Mandatory,Filter,Golden
9. SSHD Capacity (GB) hint: May select "0" if SSHD is not available	Ordinal	500 @5400 rpm(1), 1000 @5400 rpm(2), 2000 @5400 rpm(3), NA(0)	N/A	Mandatory,Filter,Golden
10. Number of SSED Used hint: May select "0" if SSED is not available	Numeric	0, 1, 2, 3	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
11. SSED Capacity (GB) hint: May select "0" if SSED is not available	Numeric	128, 256, 512, 0	N/A	Mandatory
12. Optane Memory (GB)	Numeric	8, 16, 32, 0	N/A	Mandatory
Group: Cabinet				
1. Cabinet	Enumerable	Tower, Small Form Factor	N/A	Mandatory,Filter,Golden
2. Cabinet Volume (Litres)	Numeric	7 - 26	N/A	Mandatory
3. External Bays (Number)	Numeric	0, 1, 2	N/A	Mandatory
4. Optical Drive hint: May select NA if not available	Enumerable	DVD R/W, DVD ROM, N/A	N/A	Mandatory
5. Internal Speaker	Boolean	Yes, No	N/A	Mandatory
Group: Connectivity				
1. Wireless Connectivity	Boolean	Yes, No	N/A	Mandatory
2. If Yes, Type of Wireless Connectivity hint: May select NA if wireless connectivity is not available	Ordinal	Wi-Fi 802.11b/g/n(1), Wi-Fi 802.11ac(2), NA(0)	N/A	Mandatory
3. Number of Network Ports	Numeric	1, 2	N/A	Mandatory

Name	Type	Restrictions	Unit	Properties
4. Type of Network Ports	Ordinal	10/100/1000 on board Integrated Gigabit Port(1), 10/100/1000 on board Additional Gigabit Port(2), Intel 10/100/1000 Integrated Network Ports for vPRO(1), Broadcom 10/100/1000 Integrated Network Ports for DASH.(1)	N/A	Mandatory
5. Bluetooth Connectivity	Boolean	Yes, No	N/A	Mandatory
6. If Yes, Version of Bluetooth Available	Numeric	4.1, 4.2, 5	N/A	Mandatory
Group: Ports				
1. Number of USB Version 2 Point 0 Ports	Numeric	0, 1, 2, 3, 4, 5, 6	N/A	Mandatory
2. Number of USB Version 3 point 1, Gen 1 Ports	Numeric	0, 1, 2, 3, 4, 5, 6	N/A	Mandatory
3. Number of USB Version 3 point 1, Gen 2 Ports	Numeric	0, 1, 2, 3, 4, 5, 6	N/A	Mandatory
4. Number of USB Type C Ports	Numeric	0, 1, 2	N/A	Mandatory
5. Number of Serial Ports	Numeric	0, 1, 2	N/A	Mandatory
6. Number of Parallel Ports	Numeric	0, 1, 2	N/A	Mandatory
7. Number of VGA Ports	Numeric	0, 1, 2	N/A	Mandatory
8. Number of HDMI Ports	Numeric	0, 1, 2	N/A	Mandatory
9. Number of Display Ports	Numeric	0, 1, 2	N/A	Mandatory
Group: Monitor				

Name	Type	Restrictions	Unit	Properties
1. Model of the Monitor hint: Must Indicate	Text	N/A	N/A	Mandatory
2. Monitor Technology	Ordinal	IPS(2), TN(1), VA(1)	N/A	Mandatory,Filter,Golden
3. Monitor Size (INCHES)	Numeric	18.5, 19.5, 20, 20.7, 21.5, 22.5, 23, 24, 27	N/A	Mandatory,Filter,Golden
4. Monitor Resolution (PIXELS)	Ordinal	1366x768(1), 1440 x 900(2), 1600 x 900(3), 1920x1080(4), 1920 x 1200(5), 3200x1800(6), 3840 x 2160(7)	N/A	Mandatory,Filter,Golden
5. TCO Certification for Monitor	Ordinal	7.0(1), 8.0(2), NA(0)	N/A	Mandatory
6. Number of VGA Ports in the Monitor	Numeric	0, 1, 2	N/A	Mandatory
7. Number of HDMI Ports in the Monitor	Numeric	0, 1, 2	N/A	Mandatory
8. Number of Display Ports in the Monitor	Numeric	0, 1, 2	N/A	Mandatory
Group: Power				
1. Power Supply (Watt)	Numeric	150 - 500	N/A	Mandatory
2. Minimum Power Efficiency(%)	Numeric	85 - 99	N/A	Mandatory
Group: Certification				
1. ROHS Compliance	Enumerable	Yes	N/A	Mandatory

Name	Type	Restrictions	Unit	Properties
2. BEE / Energy Star for the given Model	Boolean	Yes, No	N/A	Mandatory
Group: Input Devices				
1. Mouse Connectivity	Ordinal	Wired(1), Wireless(2)	N/A	Mandatory,Filter
2. Type of Mouse	Enumerable	Optical Scroll	N/A	Mandatory
3. Keyboard Connectivity	Ordinal	Wired(1), Wireless(2)	N/A	Mandatory,Filter
4. Type of Keyboard	Ordinal	Standard(1), Bilingual(2), Standard with Rupee Symbol(3)	N/A	Mandatory
Group: Operating Conditions				
1. Minimum Operating Temperature	Measurable	Any value	temperature/degree Celsius	Mandatory
2. Maximum Operating Temperature	Measurable	Any value	temperature/degree Celsius	Mandatory
3. Minimum Operating Humidity (%RH)	Numeric	Any value	N/A	Mandatory
4. Maximum Operating Humidity (%RH)	Numeric	Any value	N/A	Mandatory
Group: Warranty				
1. On Site OEM Warranty (Year)	Numeric	3, 5	N/A	Mandatory,Filter,Golden